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NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 JUL 02 LMEDLINE coverage updated  
NEWS 3 JUL 02 SCISEARCH enhanced with complete author names  
NEWS 4 JUL 02 CHEMCATS accession numbers revised  
NEWS 5 JUL 02 CA/Capplus enhanced with utility model patents from China  
NEWS 6 JUL 16 Capplus enhanced with French and German abstracts  
NEWS 7 JUL 18 CA/Capplus patent coverage enhanced  
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification  
NEWS 9 JUL 30 USGENE now available on STN  
NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags  
NEWS 11 AUG 06 FSTA enhanced with new thesaurus edition  
NEWS 12 AUG 13 CA/Capplus enhanced with additional kind codes for granted patents  
NEWS 13 AUG 20 CA/Capplus enhanced with CAS indexing in pre-1907 records  
NEWS 14 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB  
NEWS 15 AUG 27 USPATOLD now available on STN  
NEWS 16 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data  
NEWS 17 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index  
NEWS 18 SEP 13 FORIS renamed to SOFIS  
NEWS 19 SEP 13 INPADOCDB enhanced with monthly SDI frequency  
NEWS 20 SEP 17 CA/Capplus enhanced with printed CA page images from 1967-1998  
NEWS 21 SEP 17 Capplus coverage extended to include traditional medicine patents  
NEWS 22 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements  
NEWS 23 OCT 02 CA/Capplus enhanced with pre-1907 records from Chemisches Zentralblatt  
NEWS 24 OCT 19 BEILSTEIN updated with new compounds  
  
NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 20:35:51 ON 08 NOV 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 20:36:06 ON 08 NOV 2007

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STRUCTURE FILE UPDATES: 7 NOV 2007 HIGHEST RN 952647-77-7

DICTIONARY FILE UPDATES: 7 NOV 2007 HIGHEST RN 952647-77-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

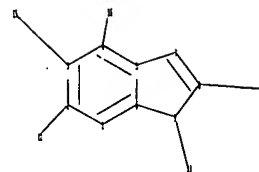
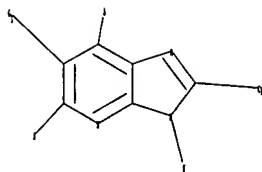
Please note that search-term pricing does apply when  
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REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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Uploading C:\Program Files\Stnexp\Queries\10524204a.str



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chain nodes :
11 12 13 15 16
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
2-12 3-15 4-16 8-13 9-11
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
3-15 4-16 5-7 6-9 7-8 8-9 8-13
exact bonds :
2-12 9-11
normalized bonds :
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isolated ring systems :
containing 1 :

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G1:O,CN,X,Ak

Match level :

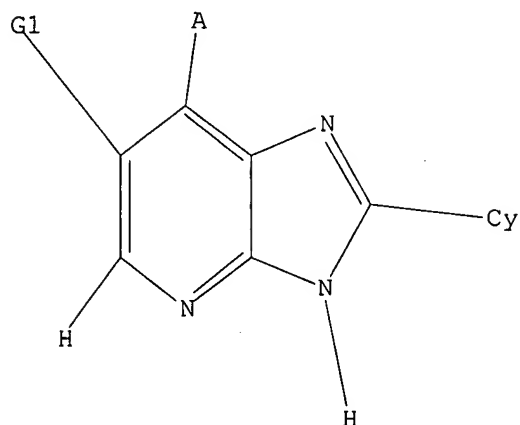
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12:CLASS 13:Atom 15:CLASS 16:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,CN,X,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 20:36:27 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2526 TO ITERATE

79.2% PROCESSED 2000 ITERATIONS

13 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 47506 TO 53534

PROJECTED ANSWERS: 85 TO 571

L2 13 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 20:36:31 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 49437 TO ITERATE

100.0% PROCESSED 49437 ITERATIONS

191 ANSWERS

SEARCH TIME: 00.00.01

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=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.10

172.31

FILE 'CAPLUS' ENTERED AT 20:36:37 ON 08 NOV 2007

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FILE COVERS 1907 - 8 Nov 2007 VOL 147 ISS 20  
FILE LAST UPDATED: 7 Nov 2007 (20071107/ED)

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=> s l3 full

L4 4 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2007:817587 CAPLUS

DOCUMENT NUMBER: 147:211880

TITLE: Preparation of imidazopyridine derivatives as protein kinase inhibitors for the treatment of diabetes, obesity, dementia, cancer, and inflammation

INVENTOR(S): Lee, Seung Chul; Choi, Jin Seok; Oh, Jung Hoon; Park, Boonsaeng; Kim, Yong Eun; Lee, Jun Hee; Shin, Dongkyu; Kim, Cheol Min; Hyun, Young-Lan; Lee, Cheol Soon; Cho, Joong-Myung; Ro, Seonggu

PATENT ASSIGNEE(S): Crystalgenomics, Inc., S. Korea

SOURCE: PCT Int. Appl., 157pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

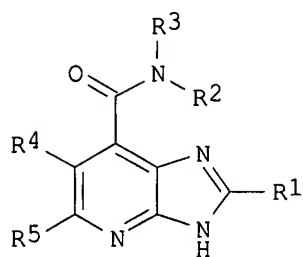
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RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

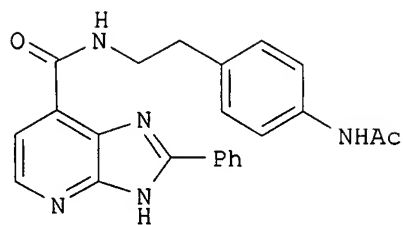
PRIORITY APPLN. INFO.: KR 2006-6834 A 20060123  
US 2006-846411P P 20060921

OTHER SOURCE(S): MARPAT 147:211880

GI



I



II

AB Title compds. I [wherein R1 = OH, halo, alkyl, etc.; R2 = H, (un)substituted alkyl, aryl, etc.; R3 - R5 = H, (un)substituted alkyl, cycloalkyl, etc.; R2 and R3 may link together to form a ring] and pharmaceutically acceptable salts, hydrates, solvates or isomers thereof were prepared as protein kinase inhibitors. For instance, successive nitro reduction of 4-methyl-3-nitropyridin-2-amine, cyclocondensation of the resultant diamine with benzoic acid to imidazopyridine, oxidation of the Me group with KMnO4 and esterification in methanol, hydrolysis of the obtained Me ester, and EDC-mediated coupling with 4-acetylphenethylamine led to amide II. This product showed inhibition of glycogen synthase kinase-3 (GSK-3) with an IC50 of 0.02  $\mu$ M. Inhibitory activity of representative I against other protein kinases, including aurora kinase A, extracellular signal-regulated kinase 1 (ERK-1), cyclin-dependent kinase 2 (CDK-2), c-Jun N-terminal kinase 1 (JNK-1), pyruvate dehydrogenase kinase 1 (PDK-1), kinase insert domain protein receptor (KDR) and p38 mitogen-activated protein kinase (MAPK), was also demonstrated. Therefore, the invented compds. and pharmaceutical compns. are useful for preventing or treating diseases such as diabetes, obesity, dementia, cancer, and inflammation.

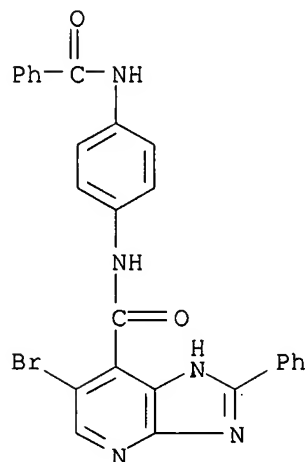
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944745-74-8P 944745-79-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of imidazopyridine derivs. as protein kinase inhibitors for treatment of diabetes, obesity, dementia, cancer, and inflammation)

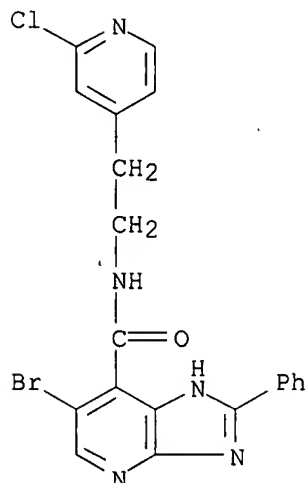
RN 944741-02-0 CAPLUS

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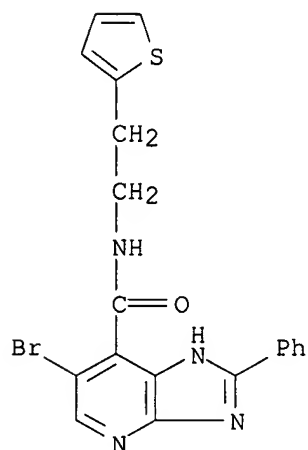
RN 944741-03-1 CAPLUS

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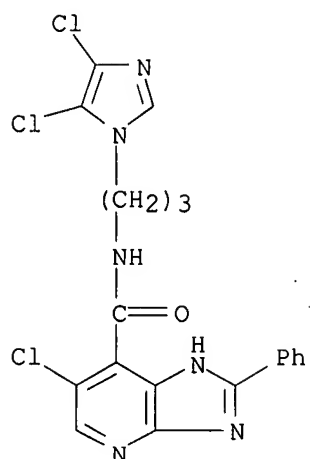
RN 944741-04-2 CAPLUS

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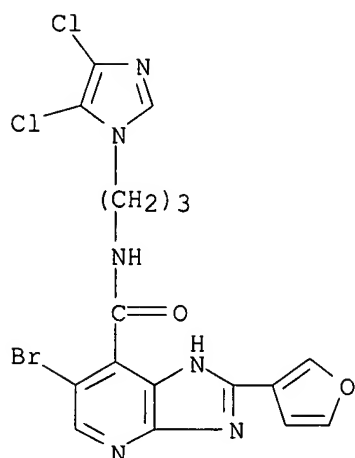
RN 944741-05-3 CAPLUS

CN 3H-Imidazo[4,5-b]pyridine-7-carboxamide, 6-chloro-N-[3-(4,5-dichloro-1H-imidazol-1-yl)propyl]-2-phenyl- (CA INDEX NAME)



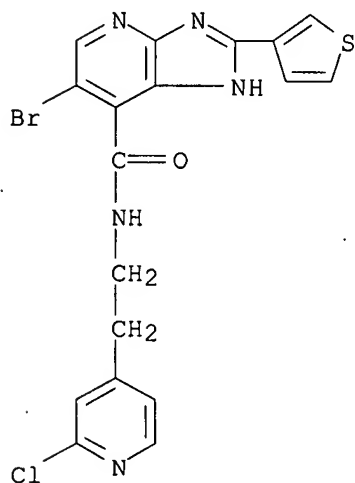
RN 944742-41-0 CAPLUS

CN 3H-Imidazo[4,5-b]pyridine-7-carboxamide, 6-bromo-N-[3-(4,5-dichloro-1H-imidazol-1-yl)propyl]-2-(3-furanyl)- (CA INDEX NAME)



RN 944742-92-1 CAPLUS

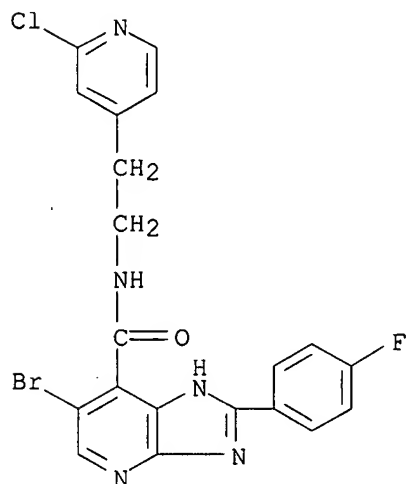
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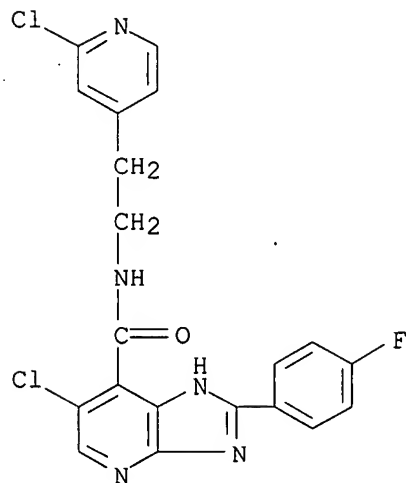
RN 944743-61-7 CAPLUS

CN 3H-Imidazo[4,5-b]pyridine-7-carboxamide, 6-bromo-N-[2-(2-chloro-4-pyridinyl)ethyl]-2-(4-fluorophenyl)- (CA INDEX NAME)



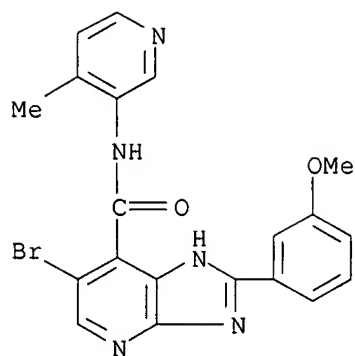
RN 944743-62-8 CAPLUS

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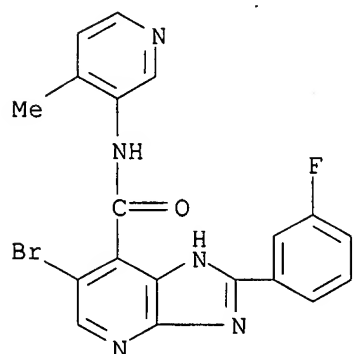


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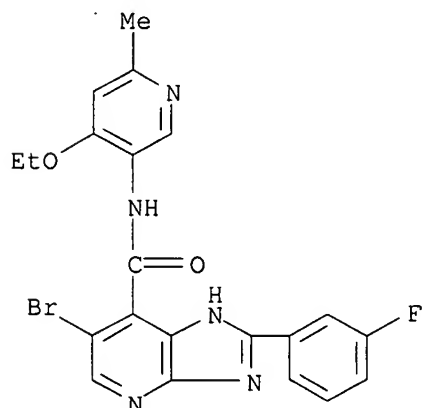
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RN 944745-74-8 CAPLUS  
 CN 3H-Imidazo[4,5-b]pyridine-7-carboxamide, 6-bromo-2-(3-fluorophenyl)-N-(4-methyl-3-pyridinyl)- (CA INDEX NAME)



RN 944745-79-3 CAPLUS  
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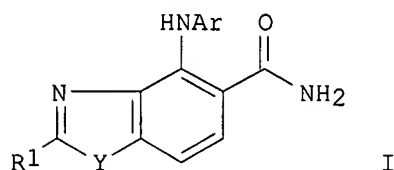


REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2004:996177 CAPLUS  
 DOCUMENT NUMBER: 141:424193  
 TITLE: Imidazo- and thiazolopyridines as JAK3 kinase

INVENTOR(S): inhibitors  
 Hemmerling, Martin; Klingstedt, Tomas  
 PATENT ASSIGNEE(S): Astrazeneca AB, Swed.  
 SOURCE: PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004099204	A1	20041118	WO 2004-SE694	20040506
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CN 1784402	A	20060607	CN 2004-80012617	20040506
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MX 2005PA12025	A	20060203	MX 2005-PA12025	20051108
US 2006287355	A1	20061221	US 2005-556228	20051109
PRIORITY APPLN. INFO.:			SE 2003-1373	A 20030304
			WO 2004-SE694	W 20040506
OTHER SOURCE(S):	MARPAT 141:424193			
GI				



AB Title compds. I [Y = NH, S, O; Ar = (un)substituted Ph; R1 = (un)substituted Ph, 5-7-membered heteroarom.] were prepared for use as JAK3 kinase inhibitors with IC50 < 25  $\mu$ M. Thus, 7-hydroxy-2-methylthiothiazolo[5,4-b]pyridine-6-carboxylic acid was converted to its amide, aminated with 2-EtC6H4NH2, oxidized to the sulfone in two steps, and treated with MeONa to give I [Y = S, Ar = 2-EtC6H4, R1 = OMe].  
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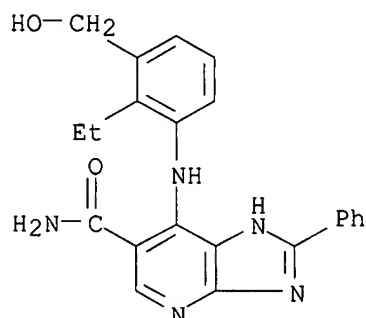
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 796089-58-2P 796089-59-3P 796089-66-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

(preparation of imidazo- and thiazolopyridines as JAK3 kinase inhibitors)

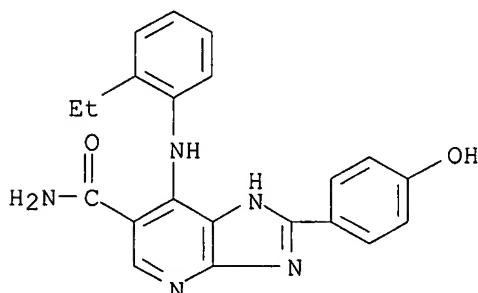
RN 796088-60-3 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-  
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RN 796088-61-4 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-(4-  
 hydroxyphenyl)- (9CI) (CA INDEX NAME)



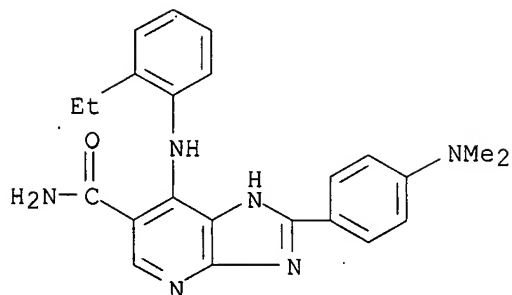
RN 796088-63-6 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 2-[4-(dimethylamino)phenyl]-7-[(2-  
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CM 1

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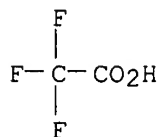
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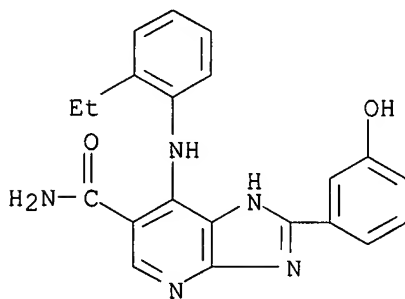
CRN 76-05-1

CMF C2 H F3 O2



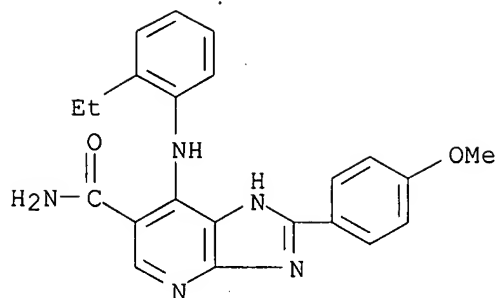
RN 796088-64-7 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-(3-hydroxyphenyl)- (9CI) (CA INDEX NAME)

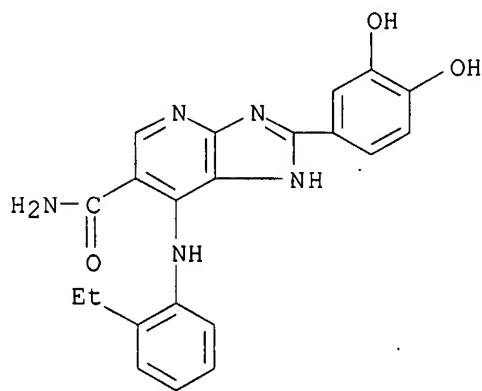


RN 796088-65-8 CAPLUS

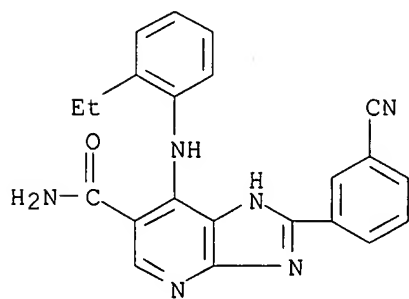
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



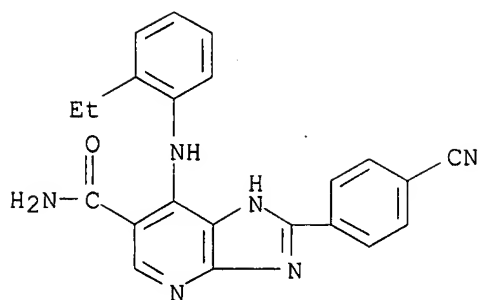
RN 796088-66-9 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 2-(3,4-dihydroxyphenyl)-7-[(2-ethylphenyl)amino]- (9CI) (CA INDEX NAME)



RN 796088-67-0 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 2-(3-cyanophenyl)-7-[(2-ethylphenyl)amino]- (9CI) (CA INDEX NAME)

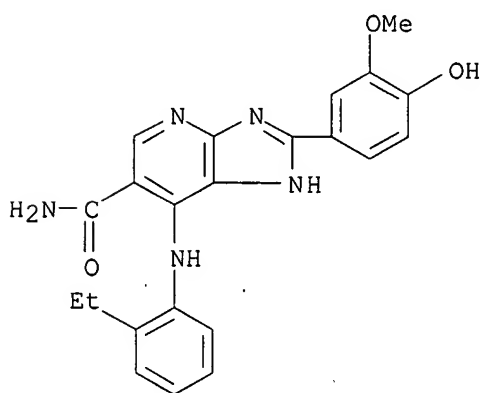


RN 796088-68-1 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 2-(4-cyanophenyl)-7-[(2-ethylphenyl)amino]- (9CI) (CA INDEX NAME)



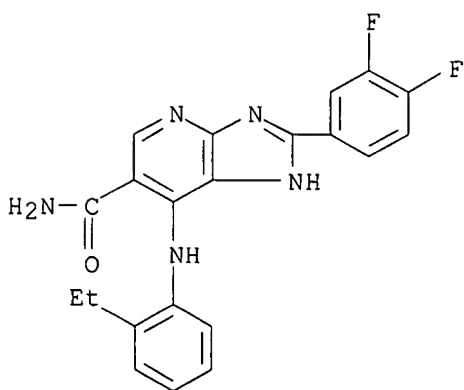
RN 796088-69-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-(4-hydroxy-3-methoxyphenyl)- (9CI) (CA INDEX NAME)



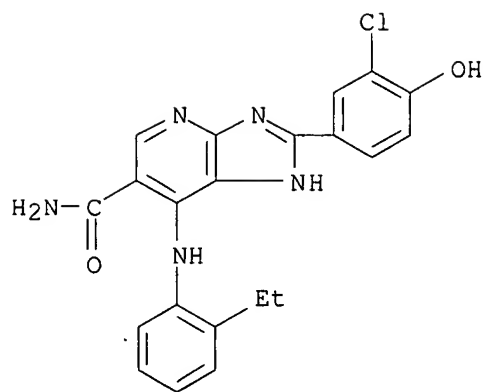
RN 796088-70-5 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 2-(3,4-difluorophenyl)-7-[(2-ethylphenyl)amino]- (9CI) (CA INDEX NAME)



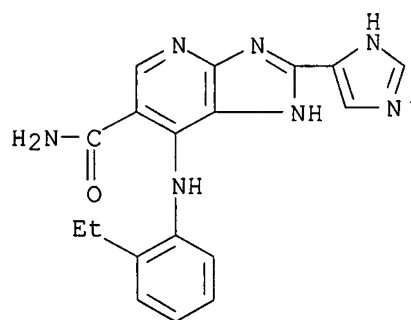
RN 796088-71-6 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 2-(3-chloro-4-hydroxyphenyl)-7-[(2-ethylphenyl)amino]- (9CI) (CA INDEX NAME)



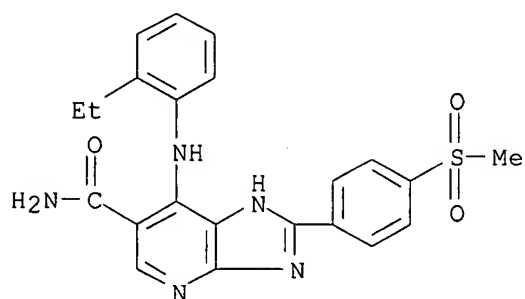
RN 796088-72-7 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-(1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



RN 796088-73-8 CAPLUS

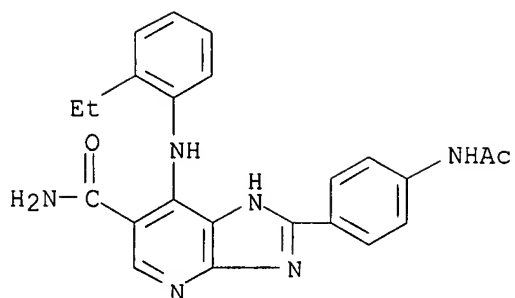
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



RN 796088-74-9 CAPLUS

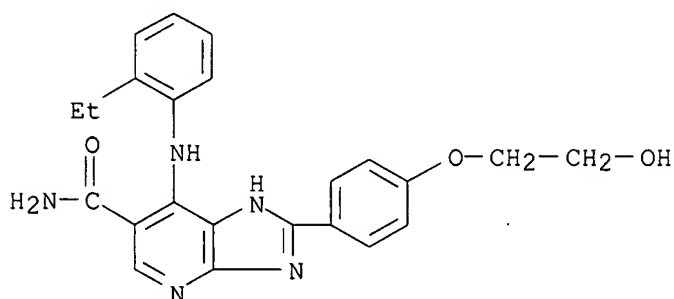
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 2-[4-(acetylamino)phenyl]-7-[(2-ethylphenyl)amino]- (9CI) (CA INDEX NAME)





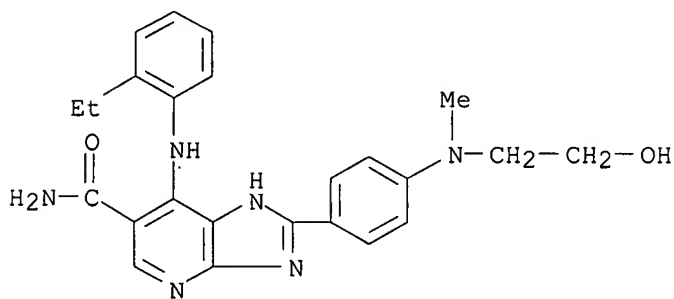
RN 796088-75-0 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)



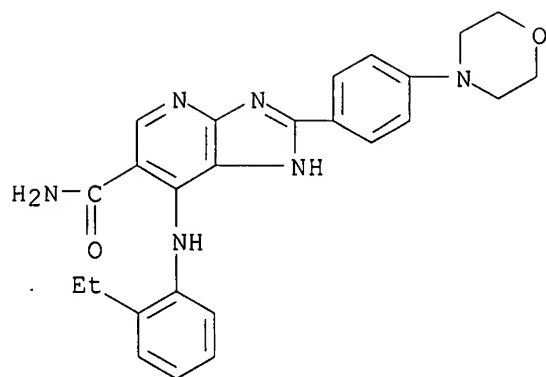
RN 796088-76-1 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-[4-[(2-hydroxyethyl)methylamino]phenyl]- (9CI) (CA INDEX NAME)



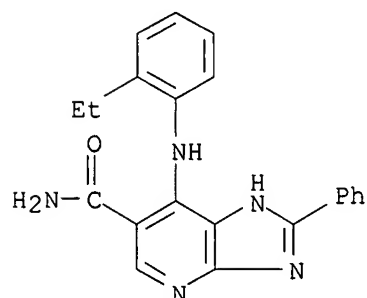
RN 796088-77-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



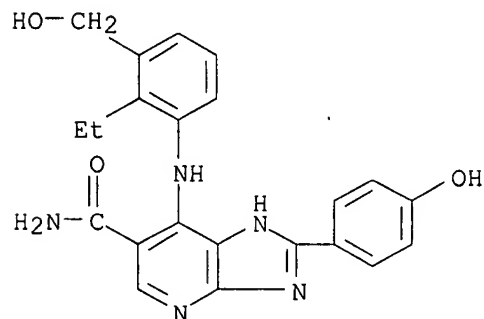
RN 796088-78-3 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-phenyl- (9CI) (CA INDEX NAME)



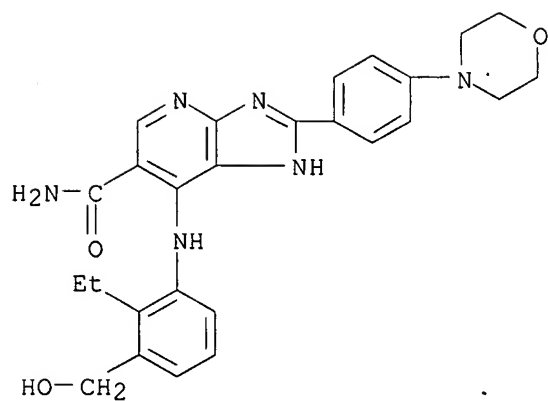
RN 796088-79-4 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(hydroxymethyl)phenyl]amino]-2-(4-hydroxyphenyl)- (9CI) (CA INDEX NAME)



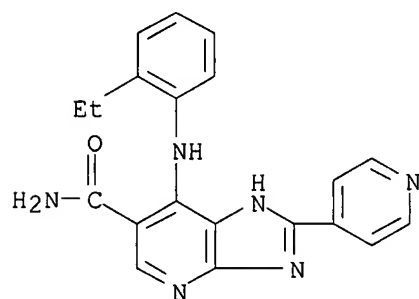
RN 796088-80-7 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(hydroxymethyl)phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



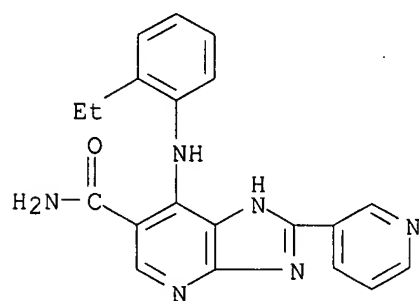
RN 796088-81-8 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



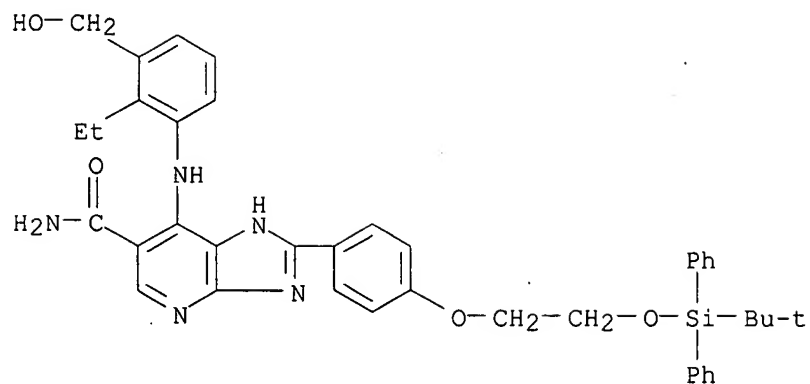
RN 796088-82-9 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-(3-pyridinyl)- (9CI) (CA INDEX NAME)



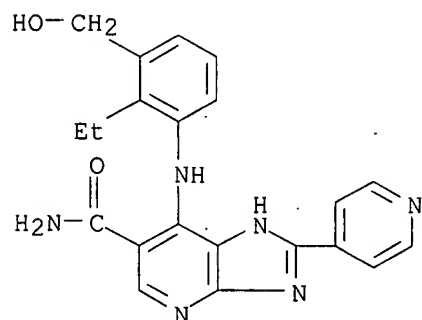
RN 796088-83-0 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 2-[4-[2-[[[(1,1-dimethylethyl)diphenylsilyl]oxy]ethoxy]phenyl]-7-[[2-ethyl-3-(hydroxymethyl)phenyl]amino]]- (9CI) (CA INDEX NAME)



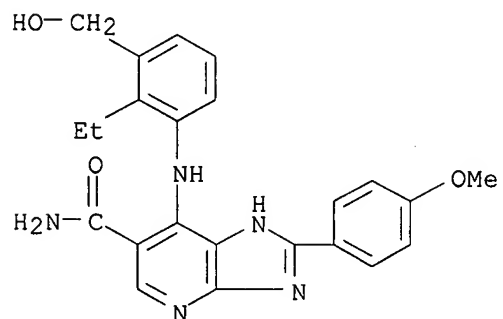
RN 796088-84-1 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(hydroxymethyl)phenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



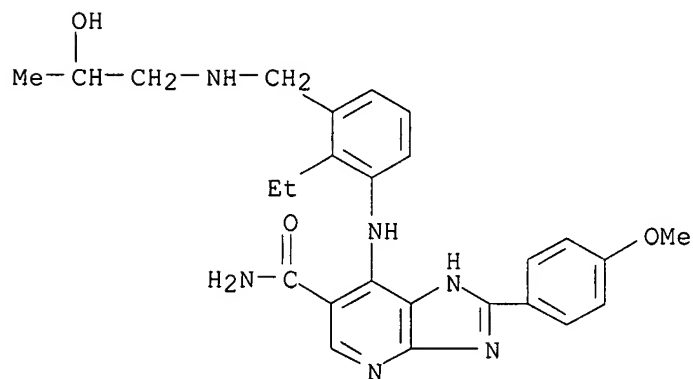
RN 796088-85-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(hydroxymethyl)phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



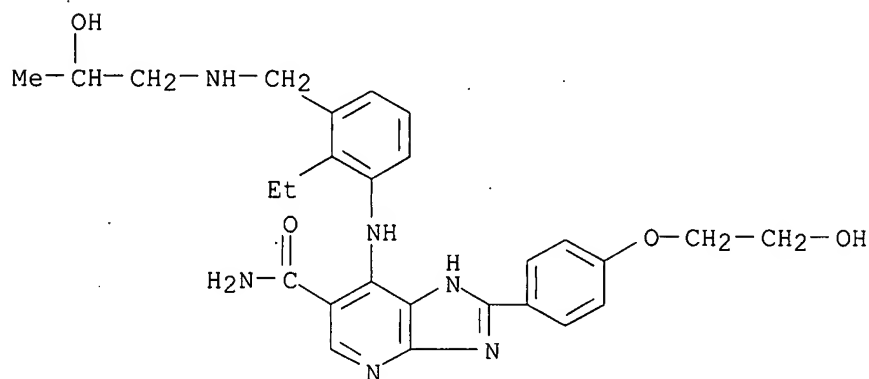
RN 796088-86-3 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[(2-hydroxypropyl)amino]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



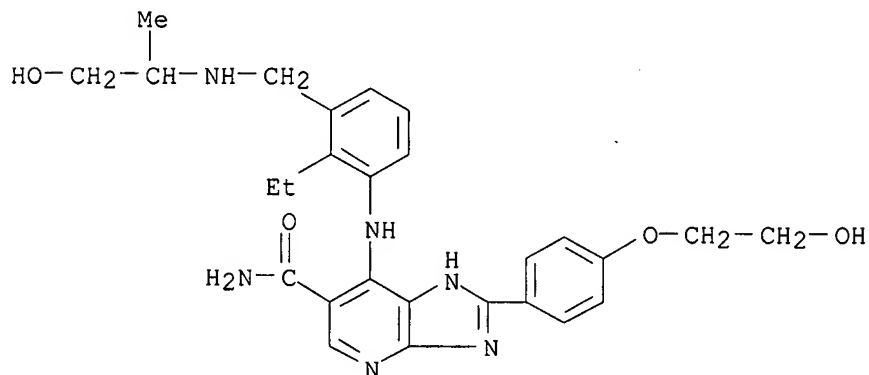
RN 796088-87-4 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[2-hydroxypropyl)amino]methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]-(9CI) (CA INDEX NAME)



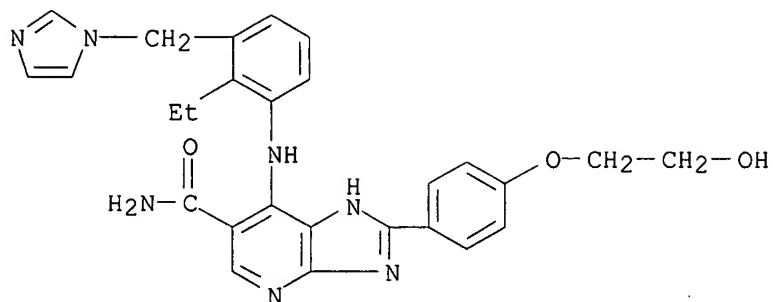
RN 796088-88-5 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[2-hydroxy-1-methylethyl)amino]methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]-(9CI) (CA INDEX NAME)



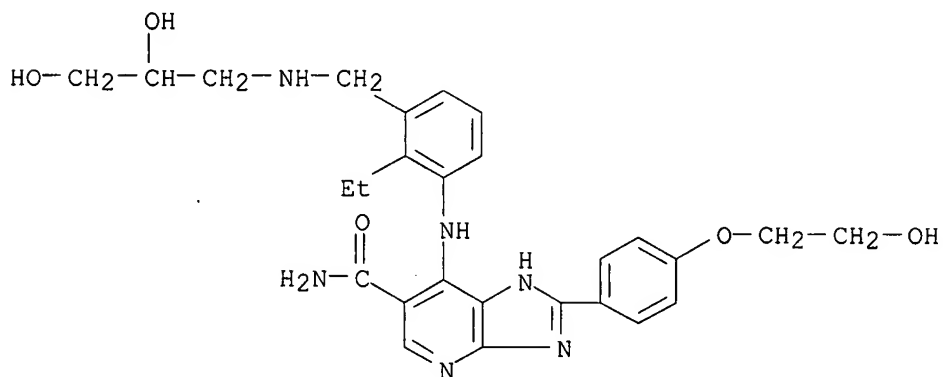
RN 796088-89-6 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]-(9CI) (CA INDEX NAME)



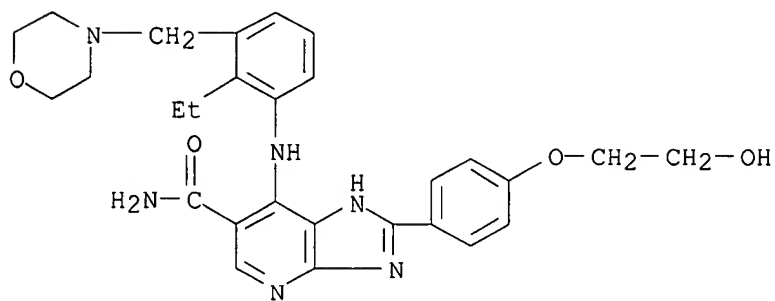
RN 796088-90-9 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[3-[[[(2,3-dihydroxypropyl)amino]methyl]-2-ethylphenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)



RN 796088-91-0 CAPLUS

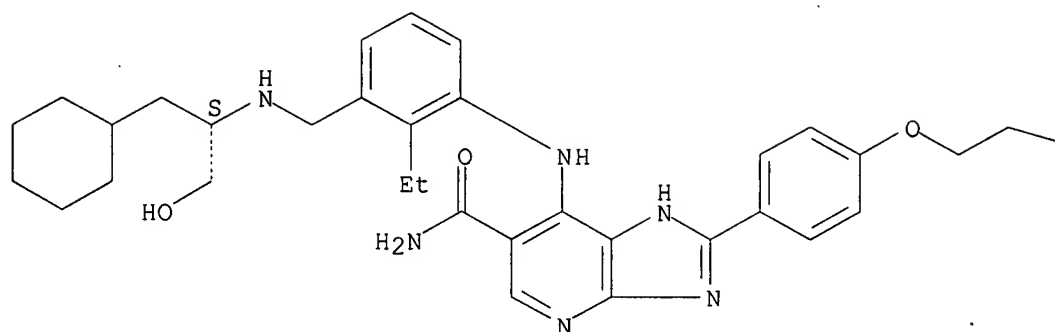
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(4-morpholinylmethyl)phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)



RN 796088-92-1 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[3-[[[(1S)-2-cyclohexyl-1-(hydroxymethyl)ethyl]amino]methyl]-2-ethylphenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

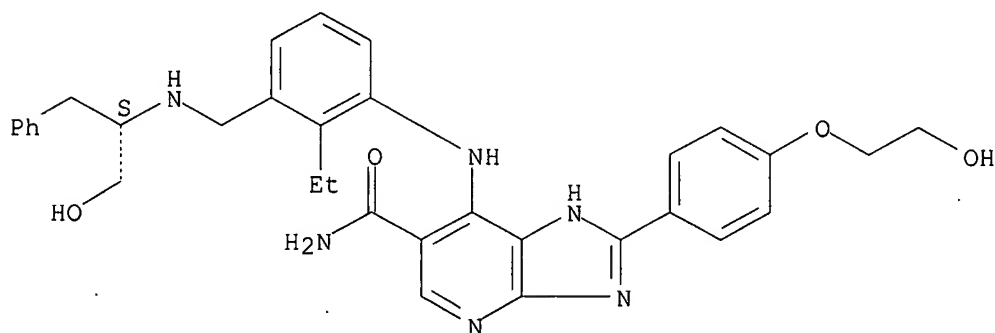


—OH

RN 796088-93-2 CAPLUS

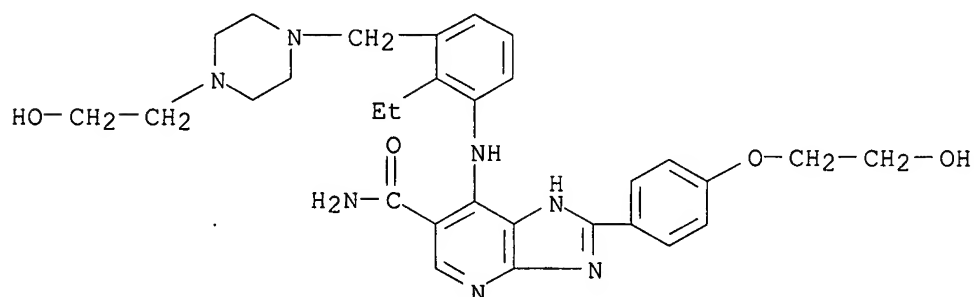
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1S)-1-(hydroxymethyl)-2-phenylethyl]amino]methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

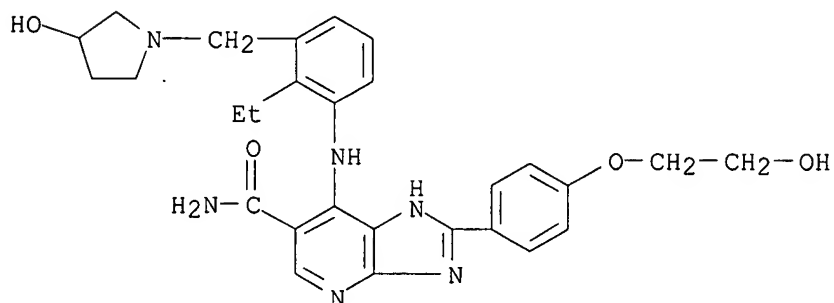


RN 796088-94-3 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)

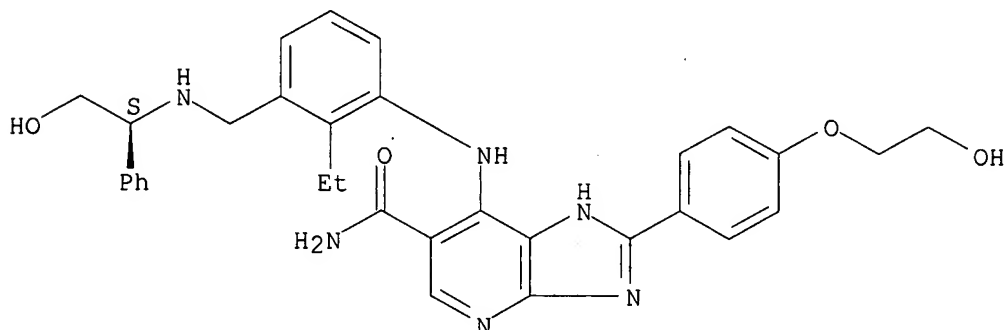


RN 796088-95-4 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[(3-hydroxy-1-pyrrolidinyl)methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI)  
 (CA INDEX NAME)



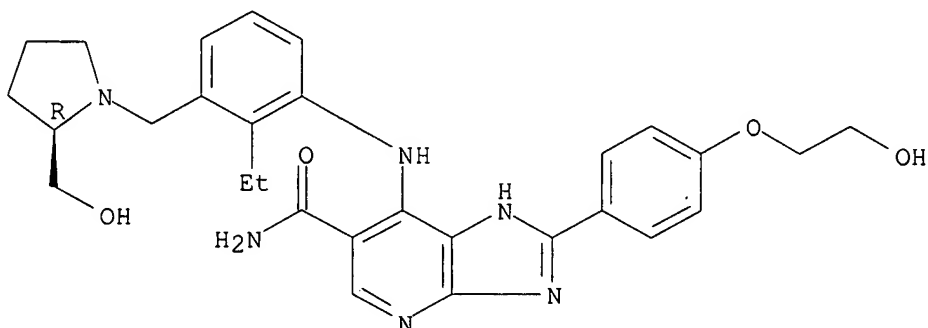
RN 796088-96-5 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1S)-2-hydroxy-1-phenylethyl]amino]methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 796088-97-6 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

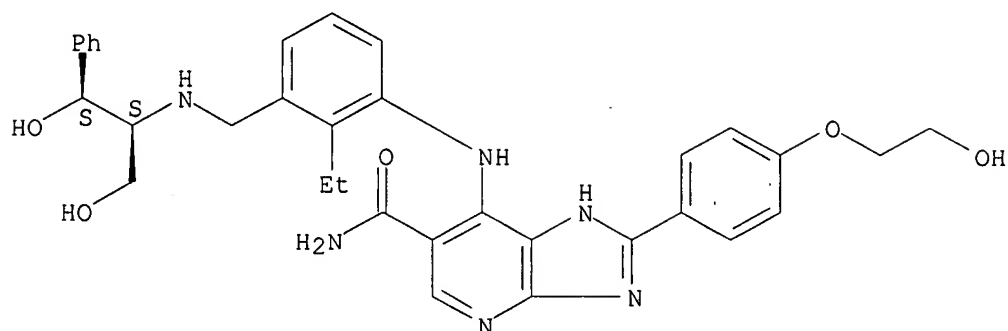


RN 796088-98-7 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1S,2S)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino]methyl]phenyl]amino]-2-[4-(2-



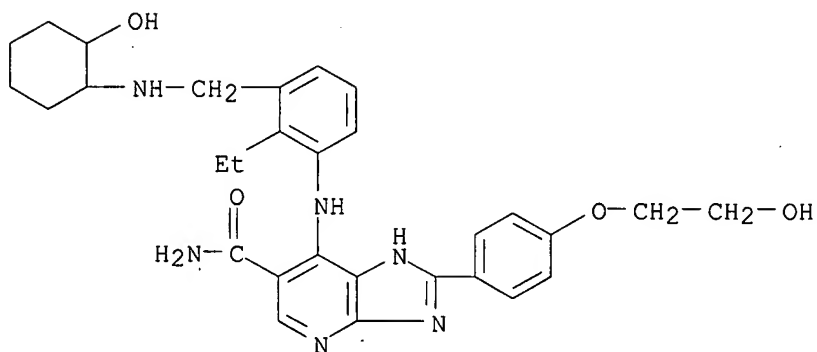
hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 796088-99-8 CAPLUS

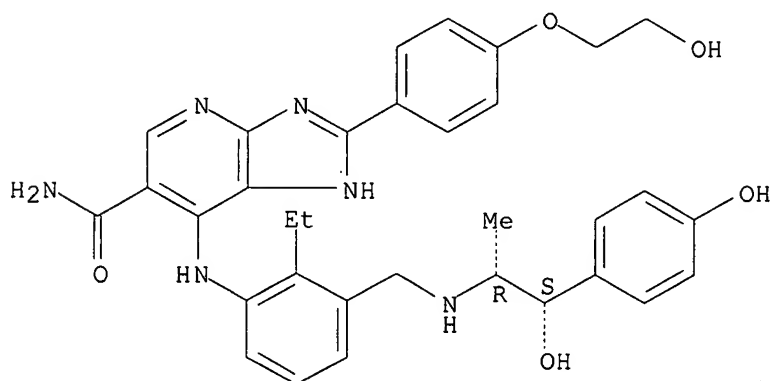
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[2-hydroxycyclohexyl]amino]methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)



RN 796089-00-4 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1R,2S)-2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

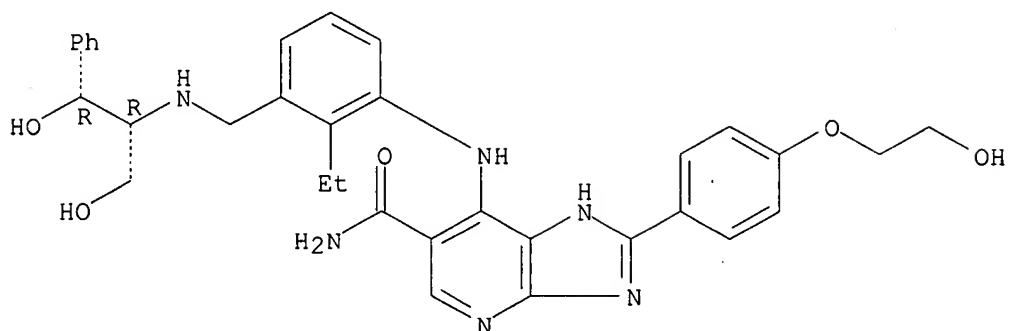


RN 796089-01-5 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1R,2R)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino]methyl]phenyl]amino]-2-[4-(2-

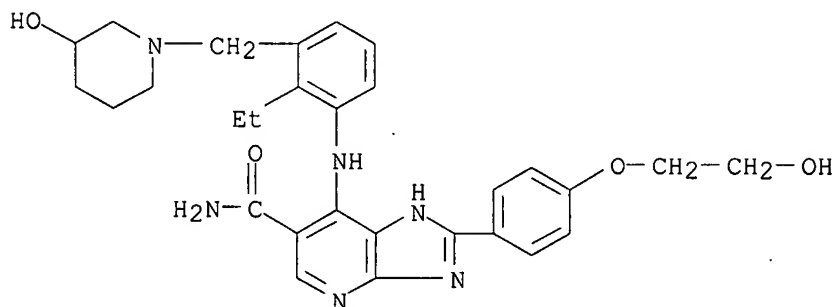
hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



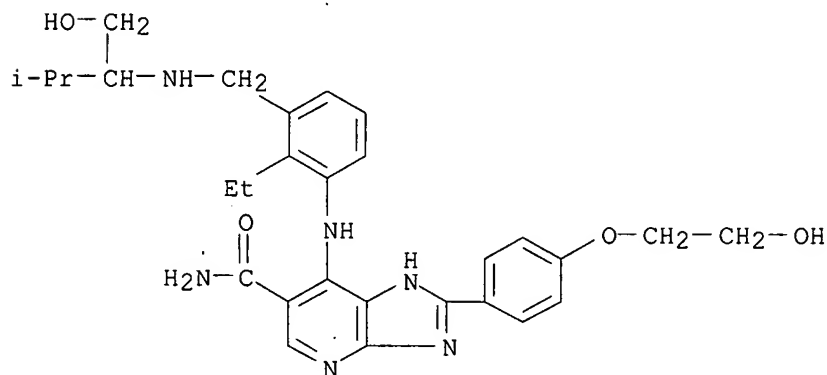
RN 796089-02-6 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[(3-hydroxy-1-piperidinyl)methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)



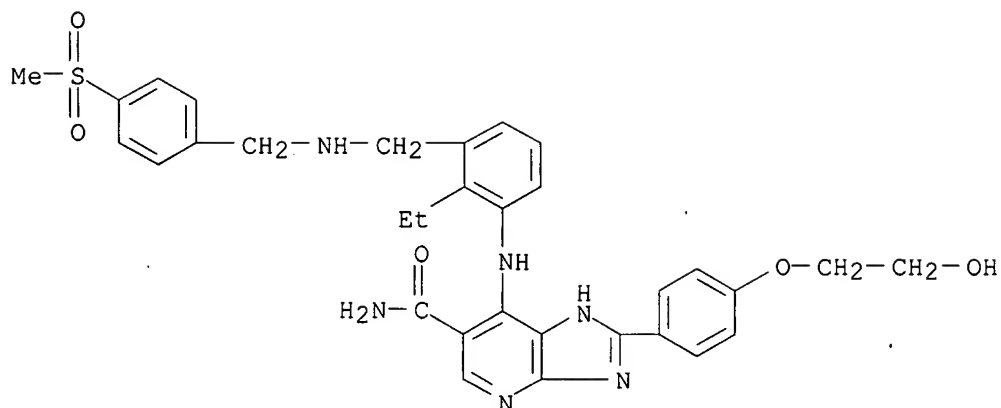
RN 796089-03-7 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[1-(hydroxymethyl)-2-methylpropyl]amino]methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)



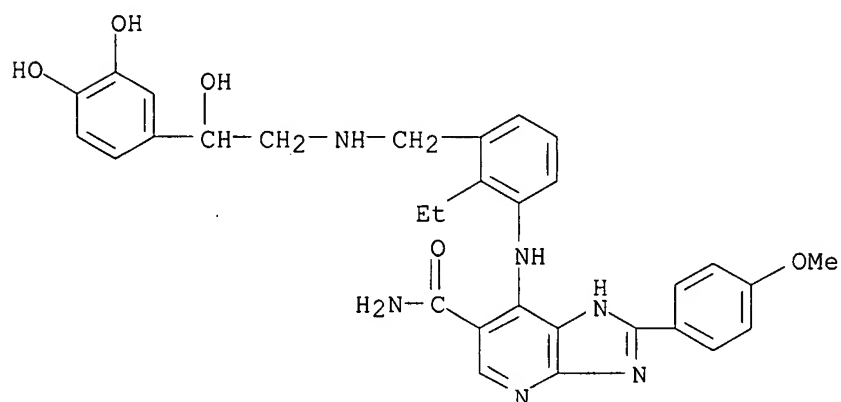
RN 796089-04-8 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[4-(methylsulfonyl)phenyl]methyl]amino]methyl]phenyl]amino]-2-[4-(2-hydroxyethoxy)phenyl]- (9CI) (CA INDEX NAME)



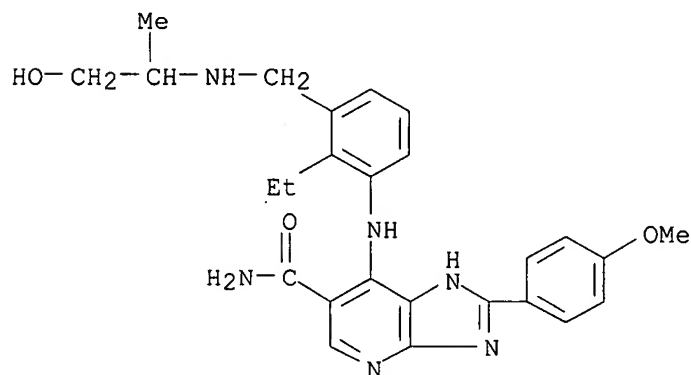
RN 796089-05-9 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[3-[[[2-(3,4-dihydroxyphenyl)-2-hydroxyethyl]amino]methyl]-2-ethylphenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



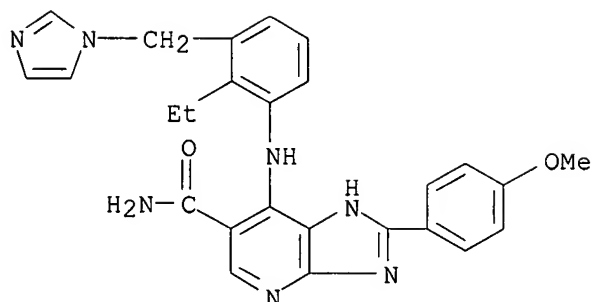
RN 796089-06-0 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[2-(hydroxy-1-methylethyl)amino]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



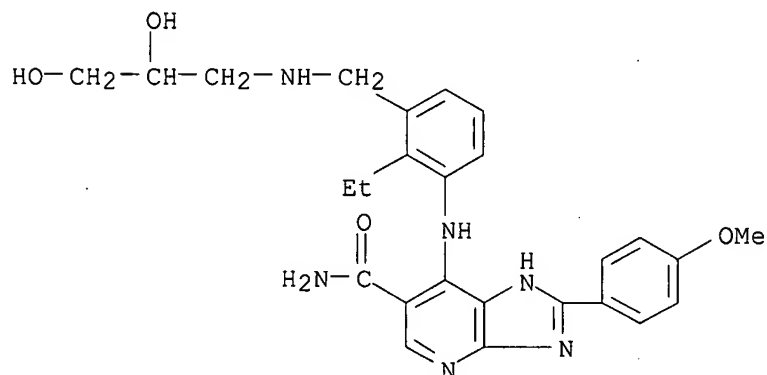
RN 796089-07-1 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



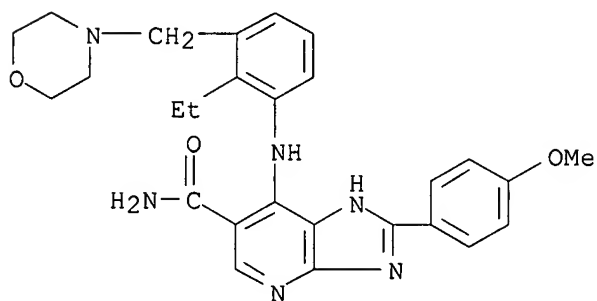
RN 796089-08-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[3-[[[(2,3-dihydroxypropyl)amino]methyl]-2-ethylphenyl]amino]-2-(4-methoxyphenyl)-(9CI) (CA INDEX NAME)



RN 796089-09-3 CAPLUS

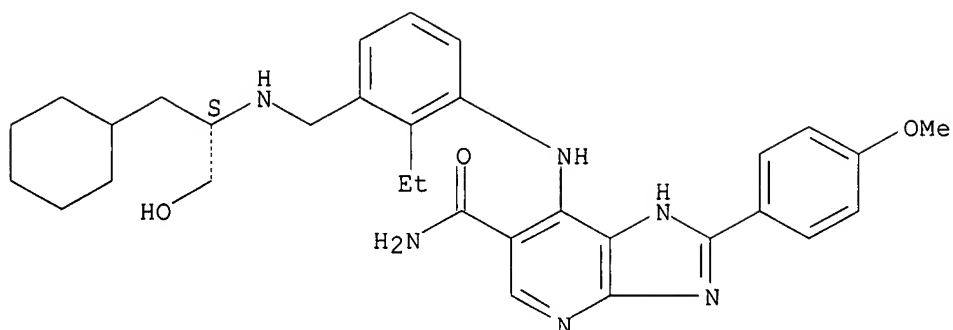
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(4-morpholinylmethyl)phenyl]amino]-2-(4-methoxyphenyl)-(9CI) (CA INDEX NAME)



RN 796089-10-6 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[3-[[[(1S)-2-cyclohexyl-1-(hydroxymethyl)ethyl]amino]methyl]-2-ethylphenyl]amino]-2-(4-methoxyphenyl)-(9CI) (CA INDEX NAME)

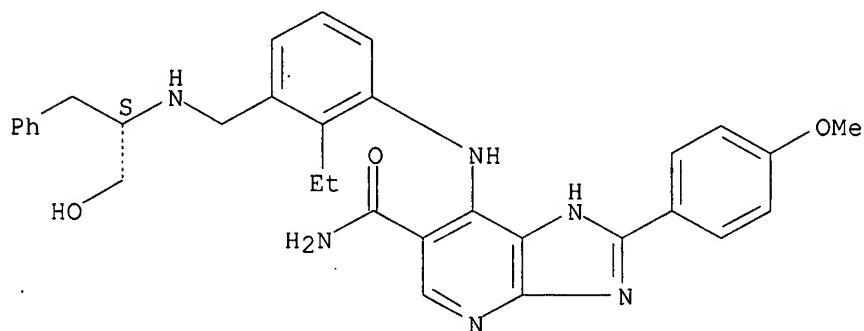
Absolute stereochemistry.



RN 796089-11-7 CAPLUS

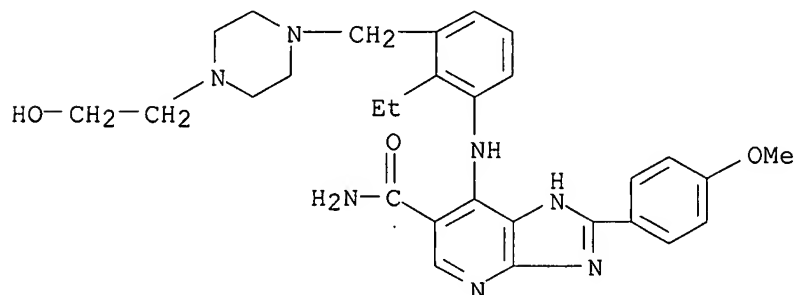
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1S)-1-(hydroxymethyl)-2-phenylethyl]amino]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 796089-12-8 CAPLUS

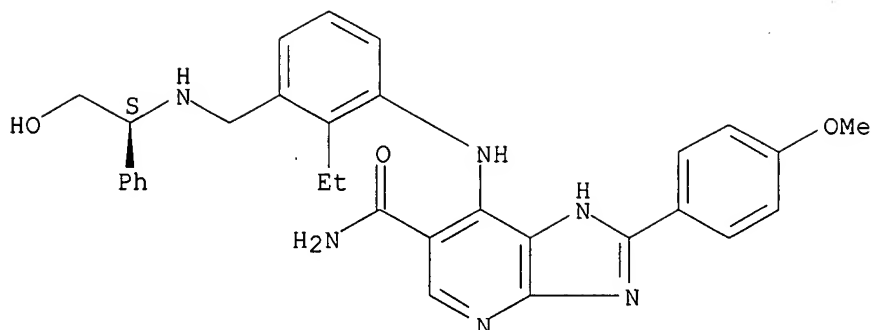
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 796089-13-9 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1S)-2-hydroxy-1-phenylethyl]amino]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

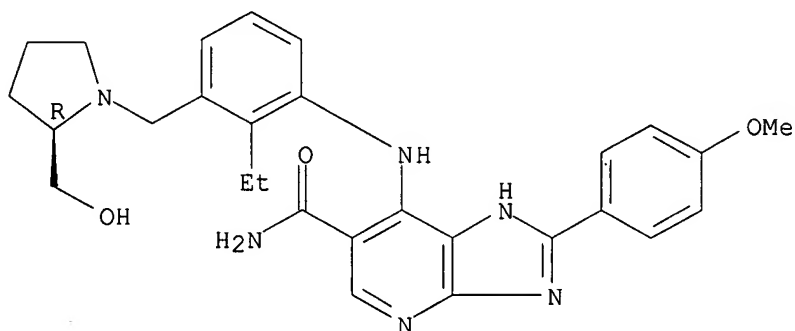
Absolute stereochemistry.



RN 796089-14-0 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[ (2R)-2-(hydroxymethyl)-1-pyrrolidinyl]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

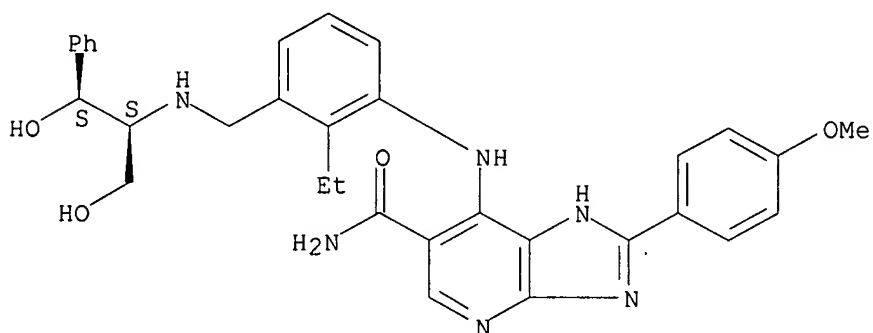
Absolute stereochemistry.



RN 796089-15-1 CAPLUS

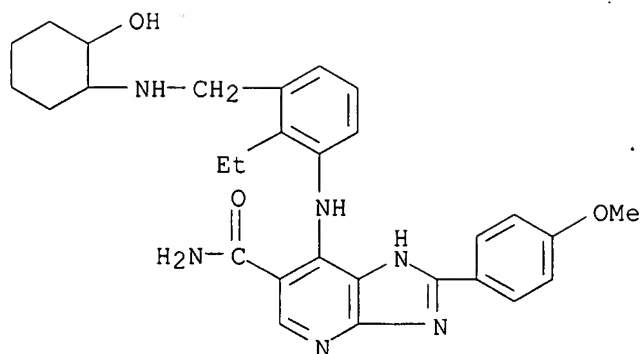
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[ (1S,2S)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 796089-16-2 CAPLUS

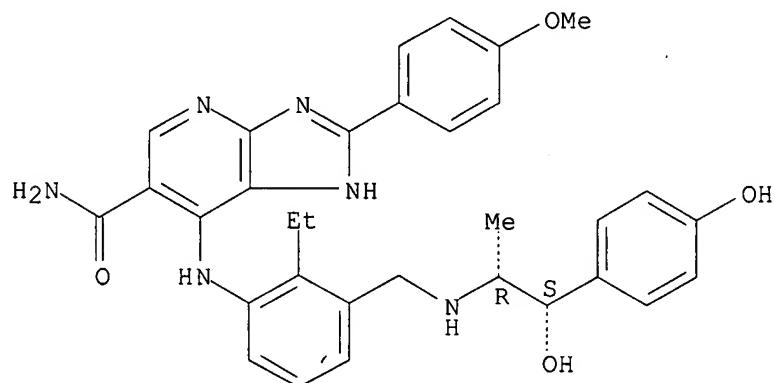
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[ (2-hydroxycyclohexyl)amino]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 796089-17-3 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1R,2S)-2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

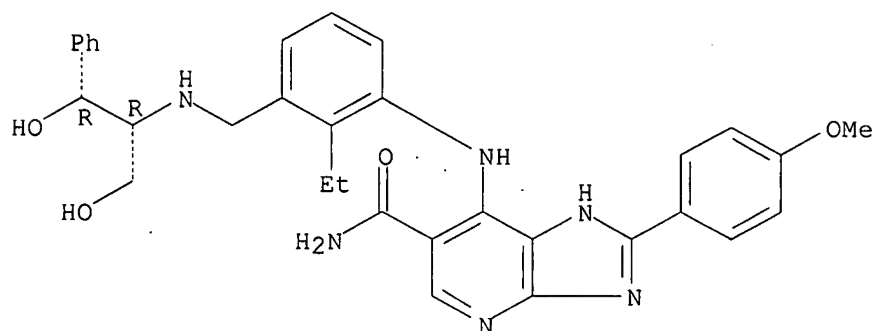
Absolute stereochemistry.



RN 796089-18-4 CAPLUS

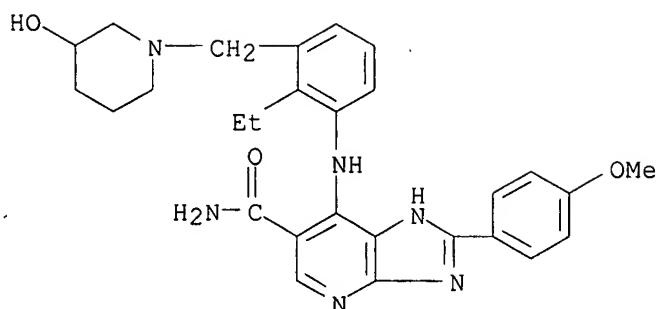
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1R,2R)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



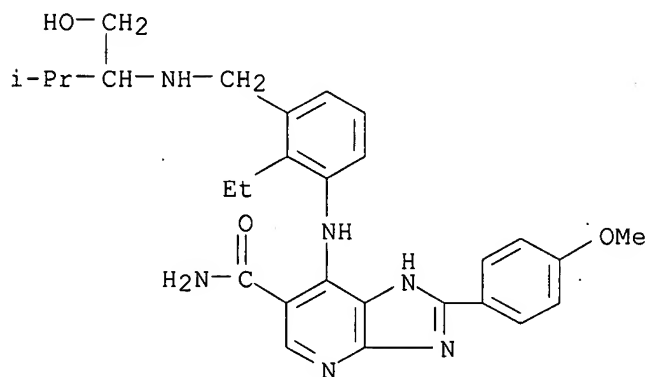
RN 796089-19-5 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[(3-hydroxy-1-piperidinyl)methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



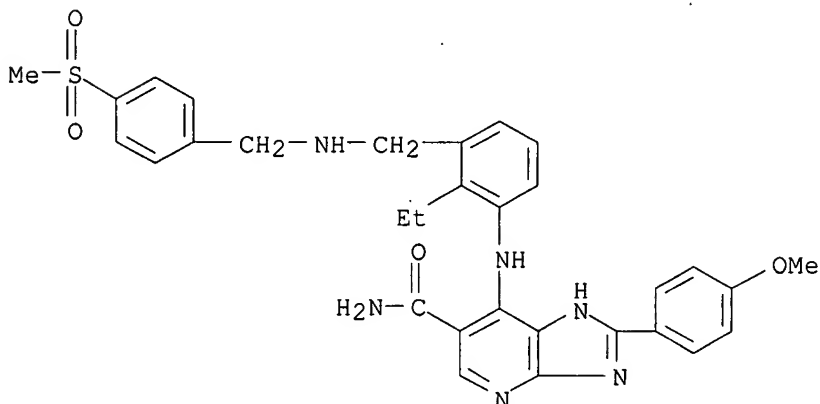
RN 796089-20-8 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[1-(hydroxymethyl)-2-methylpropyl]amino]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 796089-21-9 CAPLUS

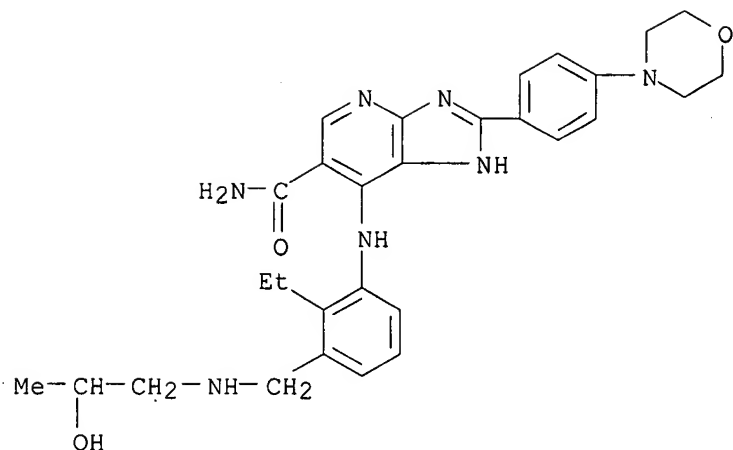
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[4-(methylsulfonyl)phenyl]methyl]amino]methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 796089-22-0 CAPLUS

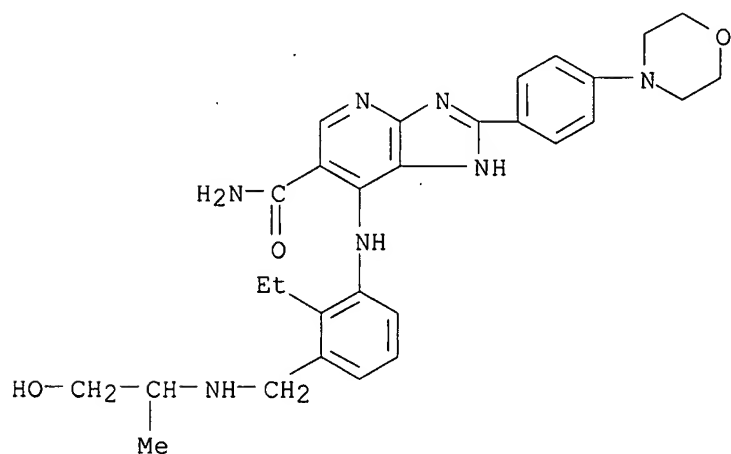
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[2-(hydroxypropyl)amino]methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)





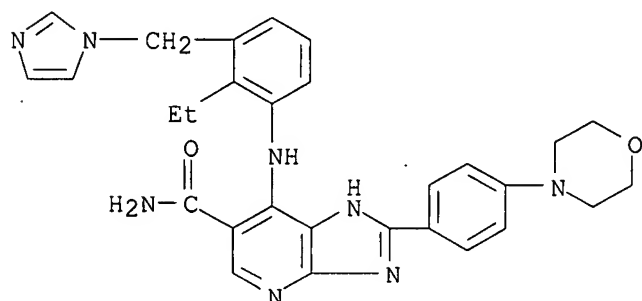
RN 796089-23-1 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[(2-hydroxy-1-methylethyl)amino]methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI)  
(CA INDEX NAME)



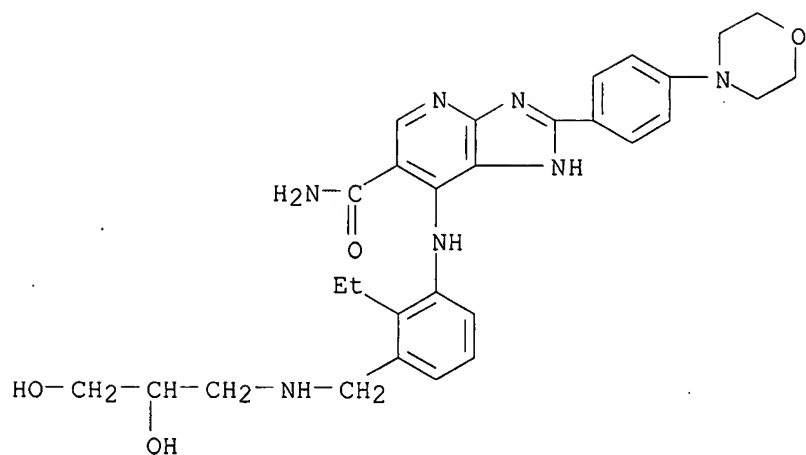
RN 796089-24-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



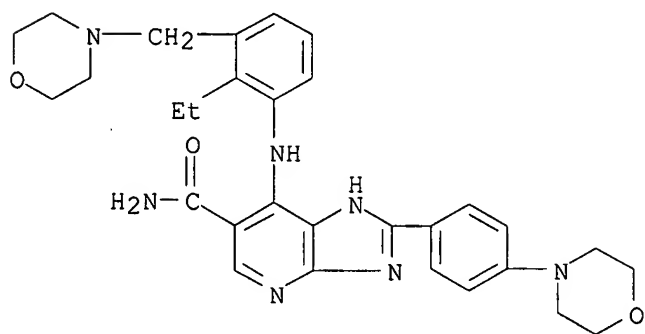
RN 796089-25-3 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[3-[(2,3-dihydroxypropyl)amino]methyl]-2-ethylphenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 796089-26-4 CAPLUS

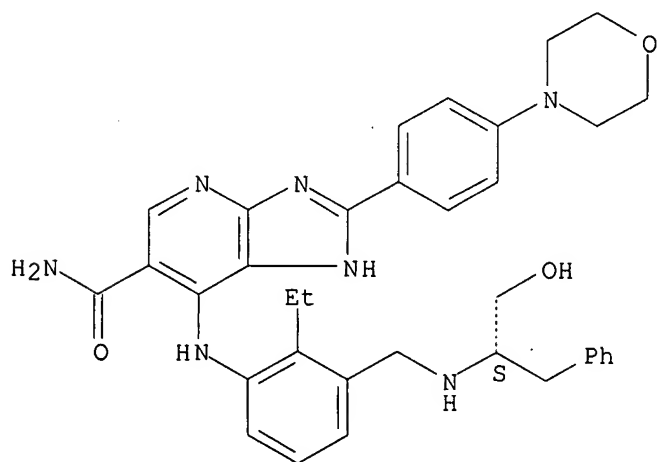
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(4-morpholinylmethyl)phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



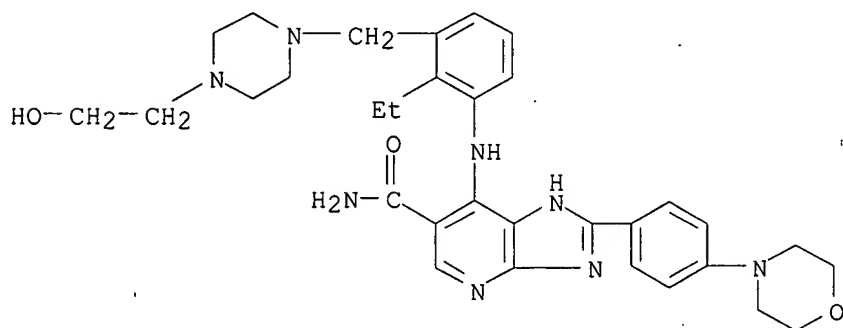
RN 796089-27-5 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1S)-1-(hydroxymethyl)-2-phenylethyl]amino]methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

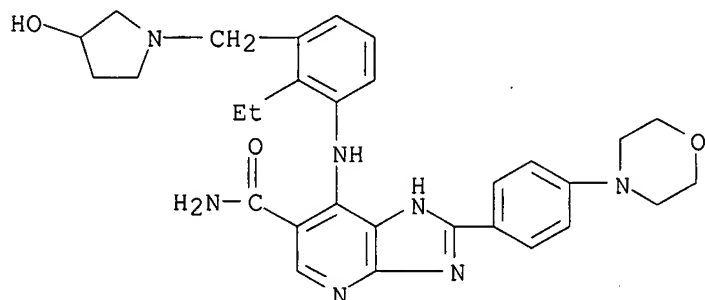
Absolute stereochemistry.



RN 796089-28-6 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

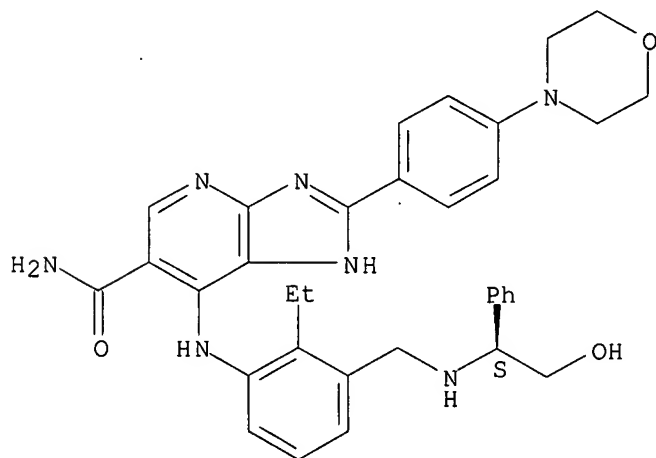


RN 796089-29-7 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[(3-hydroxy-1-pyrrolidinyl)methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



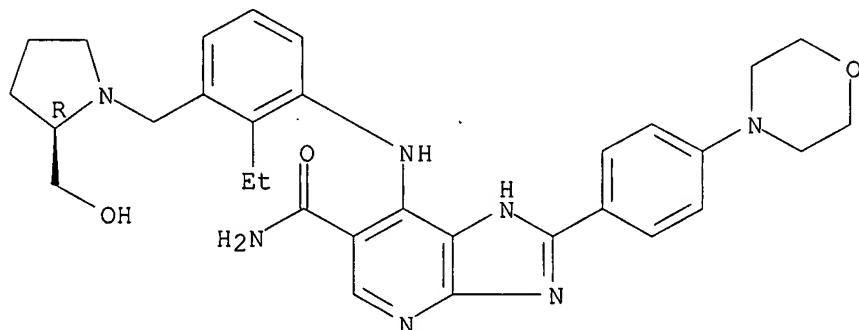
RN 796089-30-0 CAPLUS  
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Absolute stereochemistry.



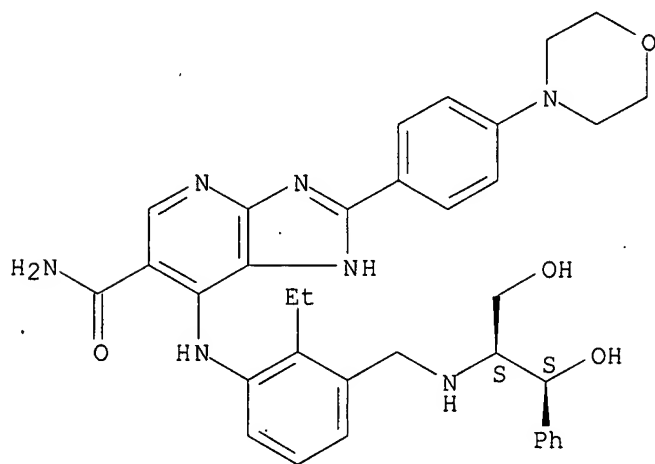
RN 796089-31-1 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[ (2R)-2-(hydroxymethyl)-1-pyrrolidinyl]methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

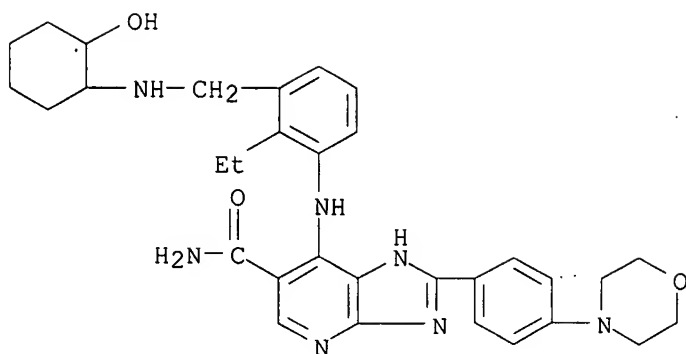


RN 796089-32-2 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1S,2S)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino]methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 796089-33-3 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[ (2-hydroxycyclohexyl)amino]methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

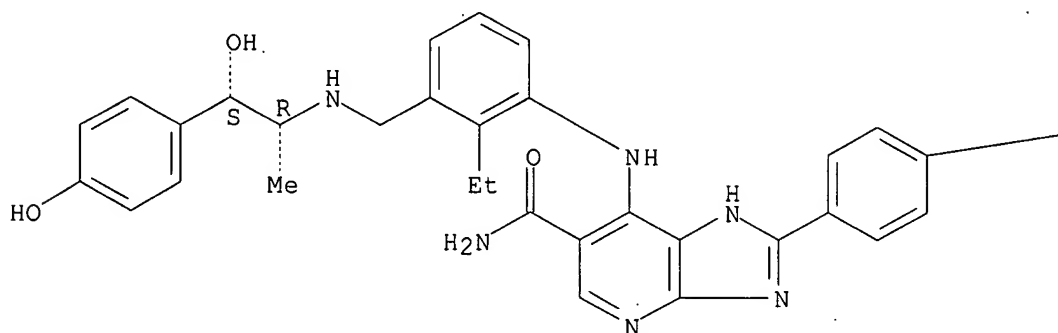


RN 796089-34-4 CAPLUS

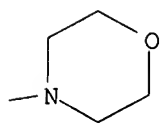
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1R,2S)-2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



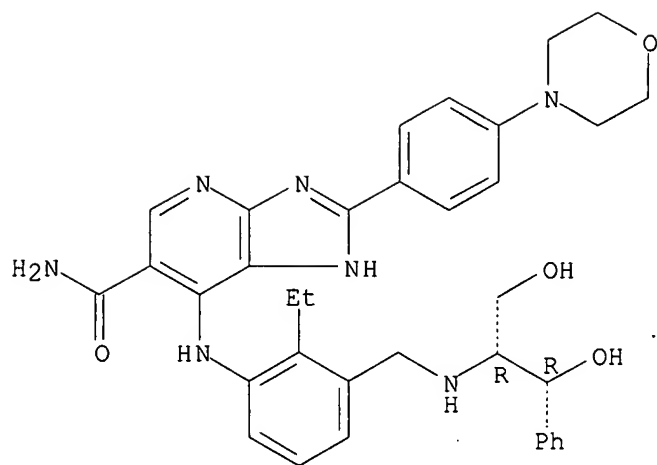
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RN 796089-35-5 CAPLUS

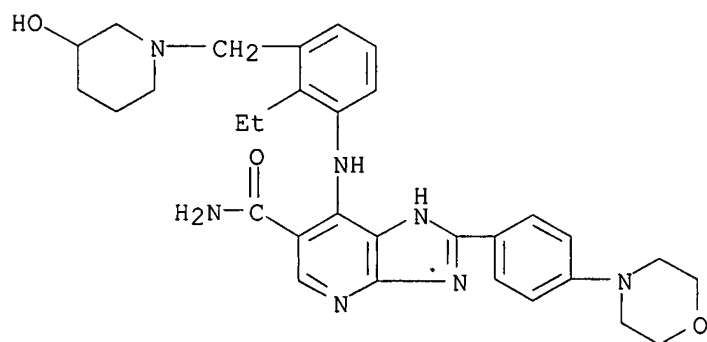
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1R,2R)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino]methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



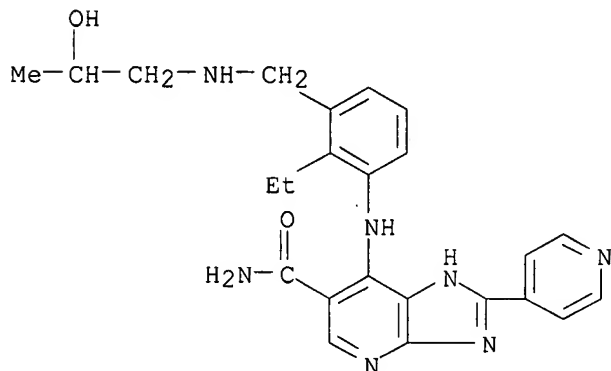
RN 796089-36-6 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[(3-hydroxy-1-piperidiny)methyl]phenyl]amino]-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



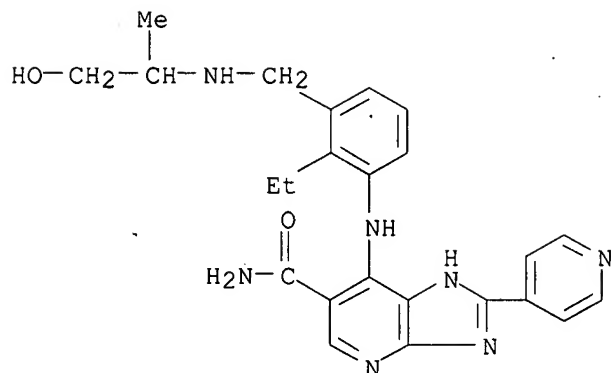
RN 796089-37-7 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[2-hydroxypropyl]amino]methyl]phenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



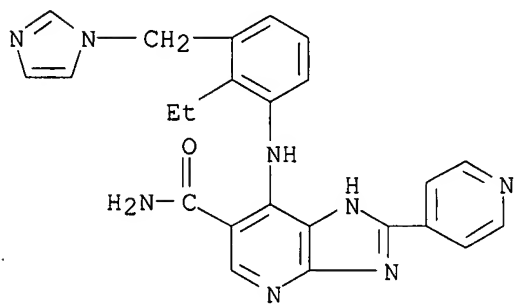
RN 796089-38-8 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[2-hydroxy-1-methylethyl]amino]methyl]phenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



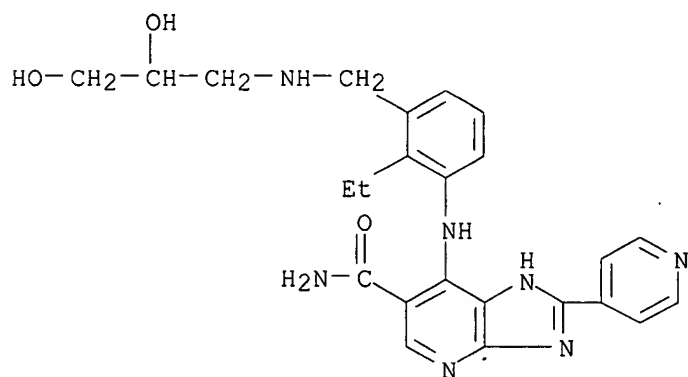
RN 796089-39-9 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



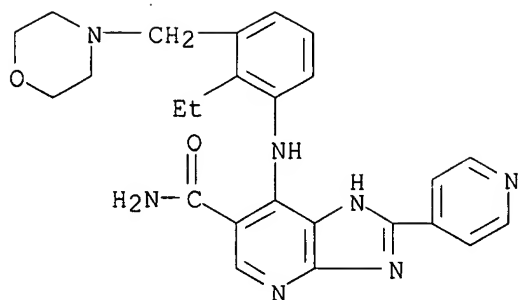
RN 796089-40-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[3-[[[(2,3-dihydroxypropyl)amino]methyl]-2-ethylphenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RN 796089-41-3 CAPLUS

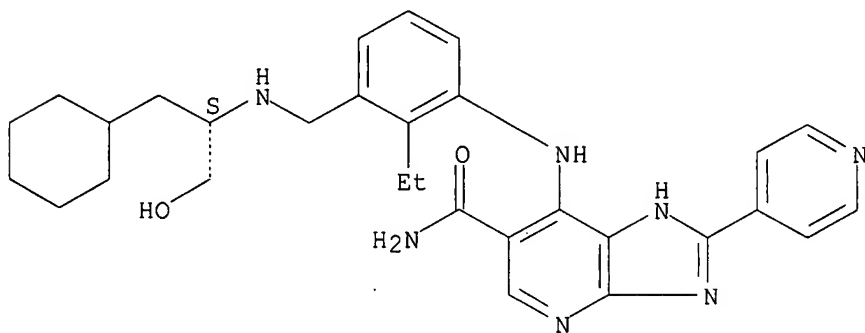
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(4-morpholinylmethyl)phenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RN 796089-42-4 CAPLUS

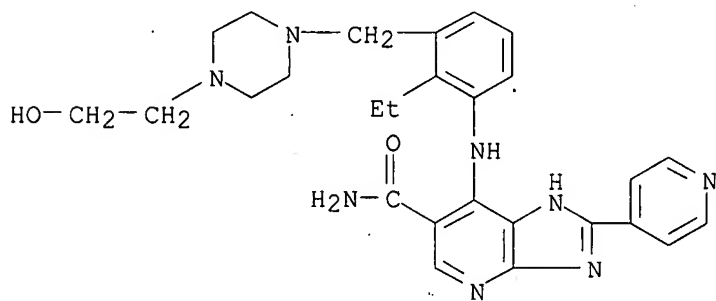
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[3-[[[(1S)-2-cyclohexyl-1-(hydroxymethyl)ethyl]amino]methyl]-2-ethylphenyl]amino]-2-(4-pyridinyl)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 796089-43-5 CAPLUS

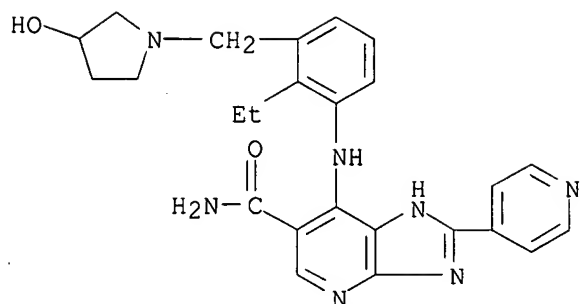
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]phenyl]amino]-2-(4-pyridinyl)-(9CI) (CA INDEX NAME)



RN 796089-44-6 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[(3-hydroxy-1-pyrrolidinyl)methyl]phenyl]amino]-2-(4-pyridinyl)-(9CI) (CA INDEX NAME)

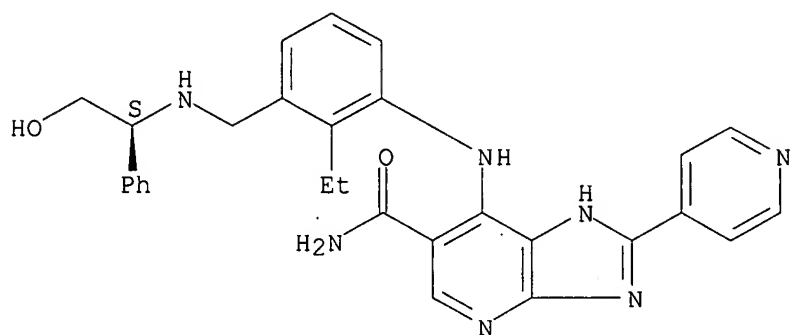




RN 796089-45-7 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1S)-2-hydroxy-1-phenylethyl]amino]methyl]phenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)

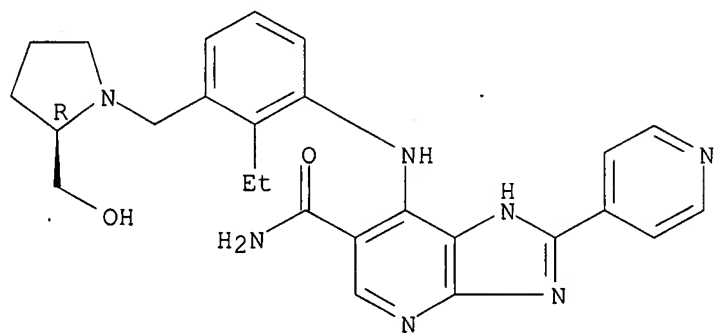
Absolute stereochemistry.



RN 796089-46-8 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(2R)-2-(hydroxymethyl)-1-phenylethyl]amino]methyl]phenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)

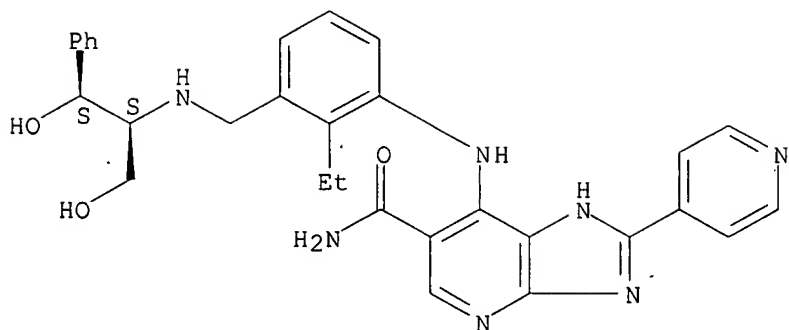
Absolute stereochemistry.



RN 796089-47-9 CAPLUS

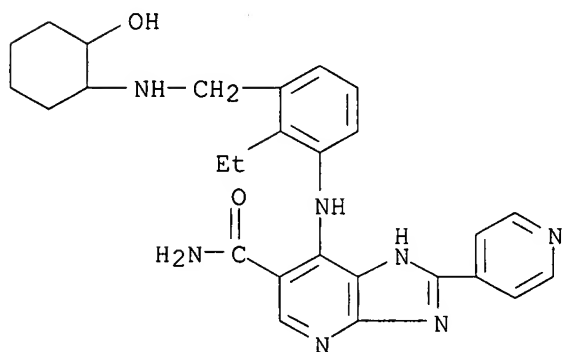
CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[(1S,2S)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino]methyl]phenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



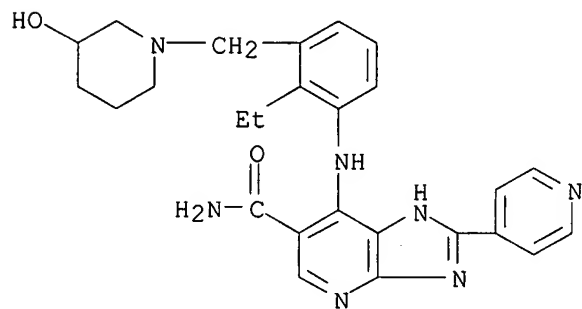
RN 796089-48-0 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[(2-hydroxycyclohexyl)amino]methyl]phenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



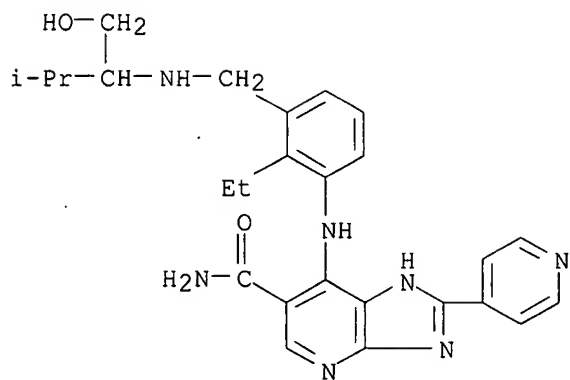
RN 796089-49-1 CAPLUS

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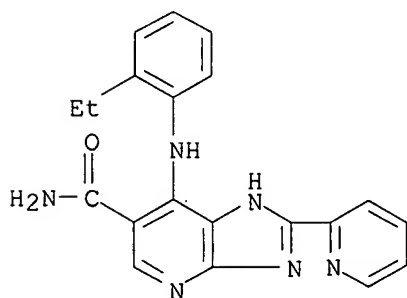
RN 796089-50-4 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[[[1-(hydroxymethyl)-2-methylpropyl]amino]methyl]phenyl]amino]-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



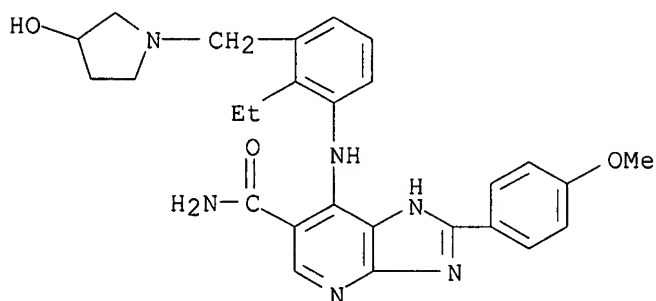
RN 796089-58-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[(2-ethylphenyl)amino]-2-(2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 796089-59-3 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-[(3-hydroxy-1-pyrrolidinyl)methyl]phenyl]amino]-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



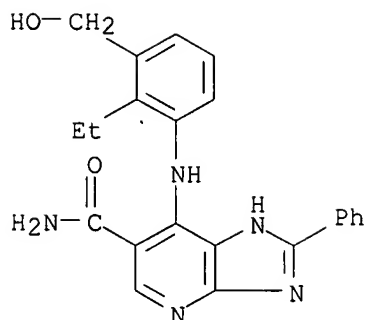
RN 796089-66-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine-6-carboxamide, 7-[[2-ethyl-3-(hydroxymethyl)phenyl]amino]-2-phenyl-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

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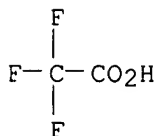
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CM 2

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REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:162689 CAPLUS

DOCUMENT NUMBER: 140:199327

TITLE: Preparation of imidazopyridines as Itk kinase inhibitors for use against asthma and allergic rhinitis

INVENTOR(S): Johansson, Henrik; Lawitz, Karolina; Nikitidis, Grigorios; Sjoe, Peter; Storm, Peter

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.

SOURCE: PCT Int. Appl., 170 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

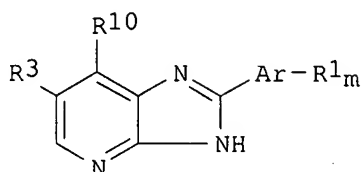
PATENT INFORMATION:

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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2495511	A1	20040226	CA 2003-2495511	20030813
AU 2003251272	A1	20040303	AU 2003-251272	20030813
EP 1539759	A1	20050615	EP 2003-788216	20030813
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R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,			

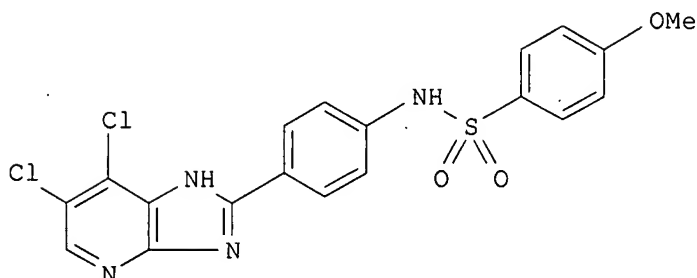
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

BR 2003013461	A	20050705	BR 2003-13461	20030813
CN 1684964	A	20051019	CN 2003-823193	20030813
JP 2006503010	T	20060126	JP 2004-529004	20030813
NZ 538156	A	20060929	NZ 2003-538156	20030813
AT 370138	T	20070915	AT 2003-788216	20030813
ZA 2005000887	A	20060222	ZA 2005-887	20050131
MX 2005PA01581	A	20050425	MX 2005-PA1581	20050209
US 2005261333	A1	20051124	US 2005-524204	20050210
NO 2005001265	A	20050512	NO 2005-1265	20050311
PRIORITY APPLN. INFO.:			SE 2002-2462	A 20020814
			WO 2003-SE1279	W 20030813

OTHER SOURCE(S): MARPAT 140:199327  
GI



I



II

AB The use of imidazopyridines (shown as I; variables defined below; e.g. II trifluoroacetate) and pharmaceutically acceptable salts thereof in the manufacture of a medicament for the treatment or prophylaxis of diseases or conditions in which inhibition of kinase Itk activity is beneficial is disclosed. Certain novel compds. I, together with processes for their preparation, compns. containing them and their use in therapy are also disclosed.

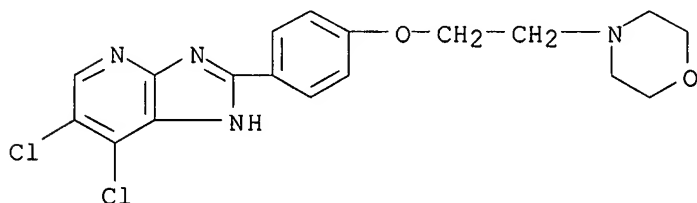
For I: R3 = halogen, CN, C1-3-alkyl or C1-3-alkoxy; Ar = Ph, a 5-6-membered heteroarom. ring or an indole ring, said heteroarom. ring incorporating 1 to 3 O, N and S; R1 = H, halogen, CN, C1-6-alkyl, NO2, SO2Me, C1-6-alkynyl, CH2OH, OR2, (CH2)<sub>n</sub>NR4R5 or Ph (un)substituted by NH2; m = 1-2 and when m = 2, each R1 may be selected independently; n = 0 or 1; R10 = H, halogen, CN, C1-4-alkyl, C1-4-alkoxy, NR14R15 or a group -X-Y-Z (X = O, S, a bond or NR16 wherein R16 = H or C1-4-alkyl; Y = C1-4-alkyl or a bond; Z = Ph, naphthyl or a 5- or 6-membered heteroarom. ring, a 5- or 6-membered saturated heterocyclic ring containing 1-2 heteroatoms = O, N and

S, or

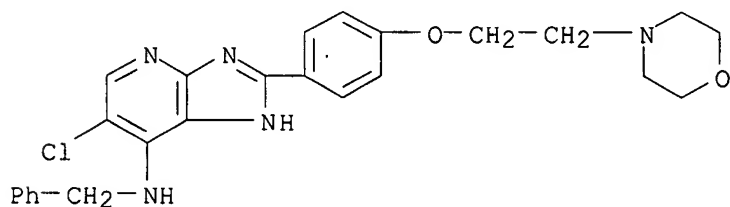
C3-6-cycloalkyl); addnl. details are given in the claims. Methods of preparation are claimed and >250 example preps. of I are included. For example, II was prepared by condensing 4-(6,7-dichloro-1H-imidazo[4,5-b]pyridin-2-yl)aniline with 4-methoxybenzenesulfonyl chloride in pyridine. In another example, 5-bromo-2,3-diaminopyridine was cyclized with 4-hydroxybenzaldehyde in DMF in the presence of iron(III) chloride hexahydrate to give 65% 4-(6-bromo-3H-imidazo[4,5-b]pyridin-2-yl)phenol. In another example, N-benzyl-5-(6-bromo-3H-imidazo[4,5-b]pyridin-2-yl)pyridin-2-amine bis(trifluoroacetate) was prepared in 3 steps starting with cyclization of 2,3-diamino-5-bromopyridine with 6-chloronicotinic acid in the presence of polyphosphoric acid (53%) followed by chlorination

using POC13 to give 44% 6-bromo-2-(6-chloropyridin-3-yl)-3H-imidazo[4,5-b]pyridine followed by condensation with benzylamine (51%). Compds. of Examples 1 to 278 gave IC50 values for inhibition of Itk activity of <25  $\mu$ M, e.g. 0.26  $\mu$ M for II.

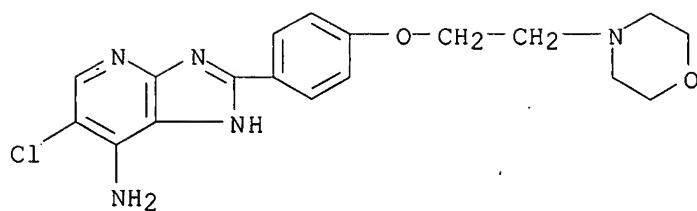
- IT 662116-65-6P, 6,7-Dichloro-2-[4-[2-(morpholin-4-yl)ethoxy]phenyl]-3H-imidazo[4,5-b]pyridine 662116-73-6P, N-Benzyl-6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine 662116-74-7P, 6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine 662116-75-8P 662116-81-6P, 6-Chloro-N-(2-ethylphenyl)-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine trifluoroacetate 662116-89-4P, 2-[Benzyl[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]ethanol 662116-93-0P, N-Benzyl-6-chloro-N-methyl-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine 662117-13-7P, 7-Chloro-2-[4-[2-(morpholin-4-yl)ethoxy]phenyl]-3H-imidazo[4,5-b]pyridine-6-carbonitrile 662117-18-2P, 6,7-Dichloro-2-[4-[2-(4-morpholinyl)ethoxy]-3-nitrophenyl]-1H-imidazo[4,5-b]pyridine 662117-21-7P, 2-Amino-5-(6-chloro-7-methyl-3H-imidazo[4,5-b]pyridin-2-yl)phenol 662117-23-9P, 4-(6-Chloro-7-methyl-3H-imidazo[4,5-b]pyridin-2-yl)-2-nitrophenol 662117-24-0P, 5-(6-Chloro-7-methyl-3H-imidazo[4,5-b]pyridin-2-yl)-2-nitrophenol 662117-35-3P, 2-(4-Aminophenyl)-6-chloro-N-phenyl-3H-imidazo[4,5-b]pyridin-7-amine 662117-41-1P, 6-Bromo-7-methyl-2-(4-nitrophenyl)-1H-imidazo[4,5-b]pyridine 662117-42-2P, 4-(6-Bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)aniline
- RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(drug candidate; preparation of imidazopyridines as Itk kinase inhibitors for use against asthma and allergic rhinitis)
- RN 662116-65-6 CAPLUS
- CN 1H-Imidazo[4,5-b]pyridine, 6,7-dichloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



- RN 662116-73-6 CAPLUS
- CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



- RN 662116-74-7 CAPLUS
- CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



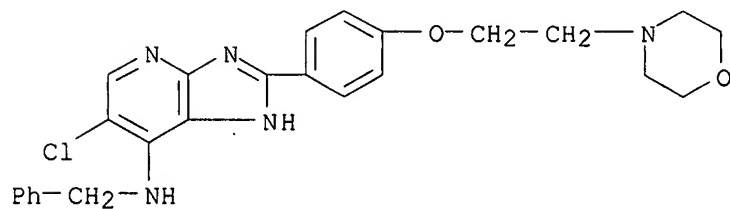
RN 662116-75-8 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-N-(phenylmethyl)-, bis(trifluoroacetate) (9CI)  
(CA INDEX NAME)

CM 1

CRN 662116-73-6

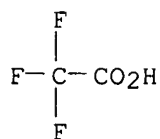
CMF C25 H26 Cl N5 O2



CM 2

CRN 76-05-1

CMF C2 H F3 O2



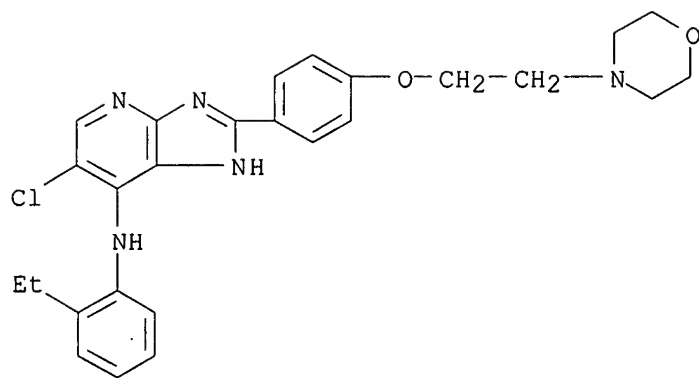
RN 662116-81-6 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-N-(2-ethylphenyl)-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 662116-80-5

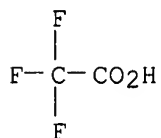
CMF C26 H28 Cl N5 O2



CM 2

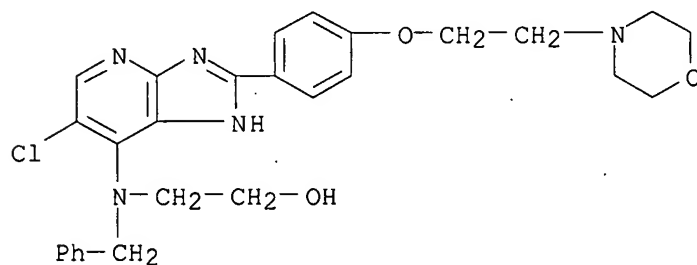
CRN 76-05-1

CMF C2 H F3 O2



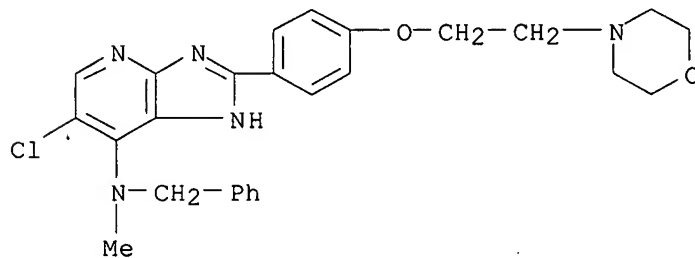
RN 662116-89-4 CAPLUS

CN Ethanol, 2-[[6-chloro-2-[[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl](phenylmethyl)amino]- (9CI) (CA INDEX NAME)



RN 662116-93-0 CAPLUS

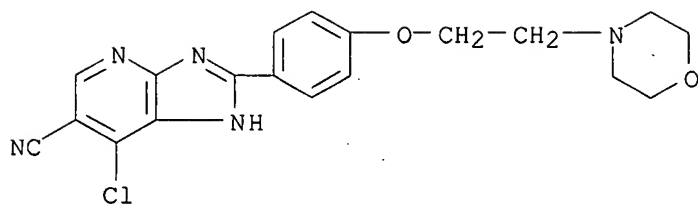
CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-N-methyl-2-[[4-[2-(4-morpholinyl)ethoxy]phenyl]-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 662117-13-7 CAPLUS

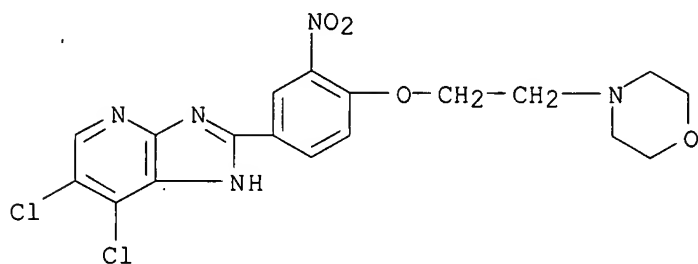
CN 1H-Imidazo[4,5-b]pyridine-6-carbonitrile, 7-chloro-2-[[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)





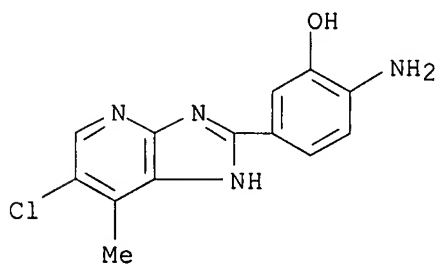
RN 662117-18-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine, 6,7-dichloro-2-[4-[2-(4-morpholinyl)ethoxy]-3-nitrophenyl]- (9CI) (CA INDEX NAME)



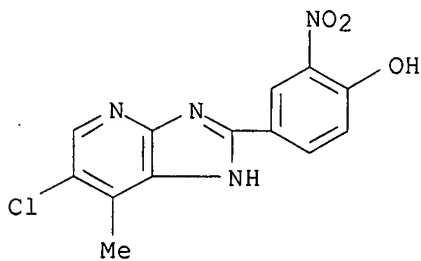
RN 662117-21-7 CAPLUS

CN Phenol, 2-amino-5-(6-chloro-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)- (9CI) (CA INDEX NAME)



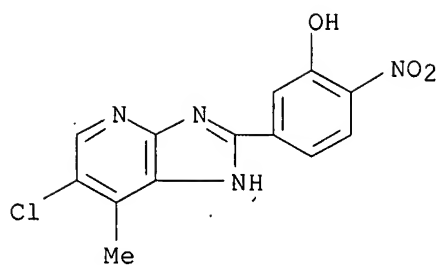
RN 662117-23-9 CAPLUS

CN Phenol, 4-(6-chloro-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)-2-nitro- (9CI) (CA INDEX NAME)

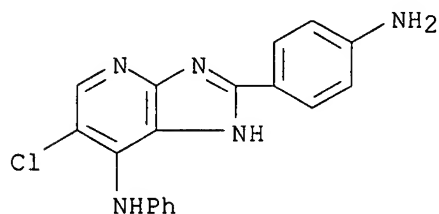


RN 662117-24-0 CAPLUS

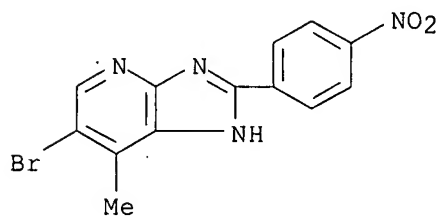
CN Phenol, 5-(6-chloro-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)-2-nitro- (9CI) (CA INDEX NAME)



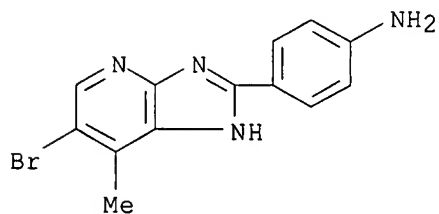
RN 662117-35-3 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridin-7-amine, 2-(4-aminophenyl)-6-chloro-N-phenyl-  
 (9CI) (CA INDEX NAME)



RN 662117-41-1 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine, 6-bromo-7-methyl-2-(4-nitrophenyl)- (9CI) (CA  
 INDEX NAME)



RN 662117-42-2 CAPLUS  
 CN Benzenamine, 4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)- (9CI)  
 (CA INDEX NAME)



IT 662116-68-9P, 6-Chloro-N-(2-methoxyphenyl)-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine  
 662116-69-0P, 2-[[6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]phenol 662116-70-3P,  
 6-Chloro-N-[1-(methylsulfonyl)-3-pyrrolidinyl]-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine  
 662116-72-5P, 6-Chloro-N-cyclopentyl-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine

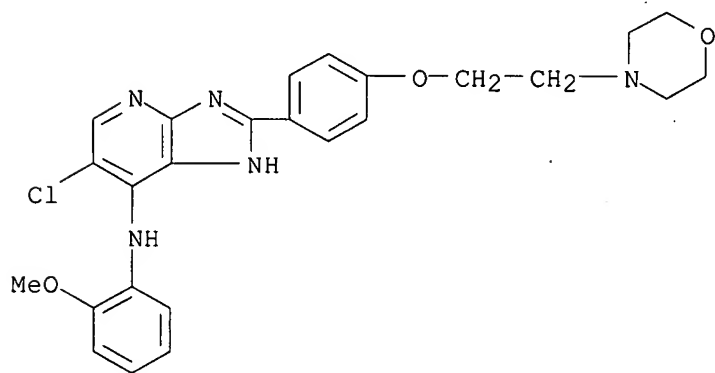
662116-80-5P, 6-Chloro-N-(2-ethylphenyl)-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine  
 662116-84-9P, 6-Chloro-2-[4-[2-(morpholin-4-yl)ethoxy]phenyl]-N-(pyridin-3-yl)-3H-imidazo[4,5-b]pyridin-7-amine 662116-85-0P,  
 [3-[6-Chloro-2-[4-[2-(morpholin-4-yl)ethoxy]phenyl]-3H-imidazo[4,5-b]pyridin-7-yl]amino]phenyl]methanol 662116-86-1P,  
 6-Chloro-N-(2-fluorophenyl)-2-[4-[2-(morpholin-4-yl)ethoxy]phenyl]-3H-imidazo[4,5-b]pyridin-7-amine 662116-87-2P, 6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-N-phenyl-1H-imidazo[4,5-b]pyridin-7-amine  
 662116-88-3P, 6-Chloro-N-(3-ethylphenyl)-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine  
 662116-90-7P, 2-[Benzyl[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]ethanol bis(trifluoroacetate) 662116-91-8P, 2-[6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]ethanol  
 662116-92-9P, 2-[6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]ethanol bis(trifluoroacetate)  
 662116-94-1P, 6-Chloro-N-methyl-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine  
 662116-95-2P, 7-(Benzylthio)-6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridine 662116-96-3P,  
 7-(Benzylthio)-6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridine bis(trifluoroacetate) 662116-97-4P,  
 6-Chloro-N-[4-(methylsulfonyl)phenyl]-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-amine  
 662116-98-5P, 6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-N-[4-(4-morpholinyl)phenyl]-1H-imidazo[4,5-b]pyridin-7-amine  
 662116-99-6P, N'-[6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]-N,N-diethyl-1,4-benzenediamine  
 662117-00-2P, N-[4-[6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]phenyl]acetamide 662117-01-3P, N-[4-[6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]phenyl]acetamide bis(trifluoroacetate) 662117-02-4P,  
 6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-7-phenoxy-1H-imidazo[4,5-b]pyridine 662117-04-6P, 6-Chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-7-[2-(1-pyrrolidinyl)ethoxy]-1H-imidazo[4,5-b]pyridine 662117-05-7P, 6-Chloro-2-[4-[2-(morpholin-4-yl)ethoxy]phenyl]-N-[2-(morpholin-4-yl)ethyl]-3H-imidazo[4,5-b]pyridin-7-amine 662117-07-9P, 6-Chloro-2-[4-[2-(morpholin-4-yl)ethoxy]phenyl]-N-(1-phenylethyl)-3H-imidazo[4,5-b]pyridin-7-amine  
 662117-12-6P, 2-[4-[2-(Morpholin-4-yl)ethoxy]phenyl]-3H-imidazo[4,5-b]pyridine-6,7-dicarbonitrile 662117-14-8P,  
 7-Anilino-2-[4-[2-[(2-methoxyethyl)(methyl)amino]ethoxy]phenyl]-3H-imidazo[4,5-b]pyridine-6-carbonitrile 662117-19-3P,  
 5-(6,7-Dichloro-1H-imidazo[4,5-b]pyridin-2-yl)-2-[2-(4-morpholinyl)ethoxy]aniline 662117-25-1P, 5-(6-Chloro-7-methyl-3H-imidazo[4,5-b]pyridin-2-yl)-2-[[(2R)-pyrrolidin-2-yl)methyl]amino]phenol  
 662117-26-2P, 5-(6-Chloro-7-methyl-3H-imidazo[4,5-b]pyridin-2-yl)-2-[[(2R)-pyrrolidin-2-yl)methyl]amino]phenol bis(trifluoroacetate)  
 662117-28-4P, [5-(6-Chloro-7-methyl-3H-imidazo[4,5-b]pyridin-2-yl)-2-[2-(morpholin-4-yl)ethoxy]phenyl][[(2R)-pyrrolidin-2-yl)methyl]amine  
 662117-30-8P, 4-(6-Chloro-7-methyl-3H-imidazo[4,5-b]pyridin-2-yl)-N'-[2-(morpholin-4-yl)ethyl]benzene-1,2-diamine 662117-31-9P,  
 [5-(6-Chloro-7-methyl-3H-imidazo[4,5-b]pyridin-2-yl)-2-(4-methylpiperazin-1-yl)phenyl]amine 662117-33-1P, 6,7-Dichloro-2-[4-(4-morpholinyl)phenyl]-1H-imidazo[4,5-b]pyridine 662117-34-2P,  
 [5-(6,7-Dichloro-3H-imidazo[4,5-b]pyridin-2-yl)-2-(morpholin-4-yl)phenyl]amine 662117-38-6P, N-[4-(6,7-Dichloro-3H-imidazo[4,5-b]pyridin-2-yl)phenyl]-N-[2-(morpholin-4-yl)ethyl]amine  
 662117-40-0P, 6-Bromo-7-methyl-2-[4-[2-(piperidin-1-yl)ethoxy]phenyl]-3H-imidazo[4,5-b]pyridine 662117-43-3P,  
 N-[4-(6-Bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-3-cyanobenzenesulfonamide 662117-44-4P 662117-45-5P,  
 N-[4-(6-Bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-

cyanobenzenesulfonamide 662117-46-6P,  
 N-[4-(6-Bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-  
 cyanobenzenesulfonamide bis(trifluoroacetate) 662117-47-7P,  
 N-[4-(6-Bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]quinoline-8-  
 sulfonamide 662117-48-8P, N-[4-(6-Bromo-7-methyl-1H-imidazo[4,5-  
 b]pyridin-2-yl)phenyl]quinoline-8-sulfonamide bis(trifluoroacetate)  
 662117-49-9P, N-[4-(6-Bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-  
 yl)phenyl]-4-methoxybenzenesulfonamide 662117-50-2P,  
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 imidazo[4,5-b]pyridin-2-yl)phenyl]-4-methoxybenzenesulfonamide  
 trifluoroacetate 662117-58-0P, 6-Chloro-2-[4-[[2-(morpholin-4-  
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 662117-59-1P, 6-Chloro-7-methoxy-2-[4-[2-(morpholin-4-  
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 6-Chloro-2-[4-[di(3-cyanobenzyl)amino]phenyl]-7-methoxy-3H-imidazo[4,5-  
 b]pyridine 662117-67-1P, 3-[[[4-(6-Chloro-7-methoxy-1H-  
 imidazo[4,5-b]pyridin-2-yl)phenyl]amino]methyl]benzonitrile  
 662117-68-2P, 3-[[[4-(6-Chloro-7-methoxy-1H-imidazo[4,5-b]pyridin-  
 2-yl)phenyl]amino]methyl]benzonitrile trifluoroacetate  
 662117-69-3P, N-[4-(6-Chloro-7-methoxy-1H-imidazo[4,5-b]pyridin-2-  
 yl)phenyl]-4-cyanobenzenesulfonamide 662117-70-6P,  
 N-[4-(6-Chloro-7-methoxy-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-  
 cyanobenzenesulfonamide trifluoroacetate 662117-71-7P,  
 6-Chloro-7-methoxy-2-[4-[2-(piperidin-1-yl)ethoxy]phenyl]-3H-imidazo[4,5-  
 b]pyridine 662117-72-8P, 6-Chloro-7-methoxy-2-[4-[2-(piperidin-1-  
 yl)ethoxy]phenyl]-3H-imidazo[4,5-b]pyridine bis(trifluoroacetate)  
 662117-91-1P, N-[4-(6-Bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-  
 yl)phenyl]-1-methyl-1H-imidazole-4-sulfonamide  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

(drug candidate; preparation of imidazopyridines as Itk kinase inhibitors  
 for use against asthma and allergic rhinitis)

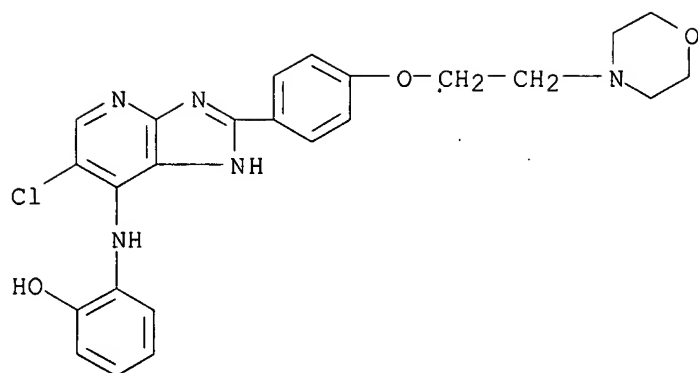
RN 662116-68-9 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-N-(2-methoxyphenyl)-2-[4-[2-(4-  
 morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



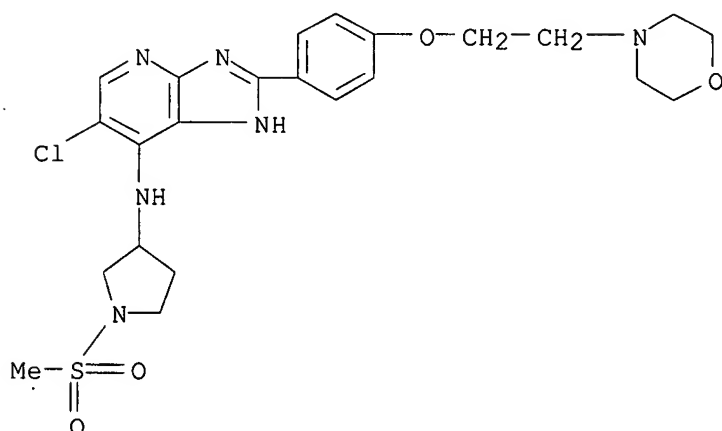
RN 662116-69-0 CAPLUS

CN Phenol, 2-[[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-  
 b]pyridin-7-yl]amino]- (9CI) (CA INDEX NAME)



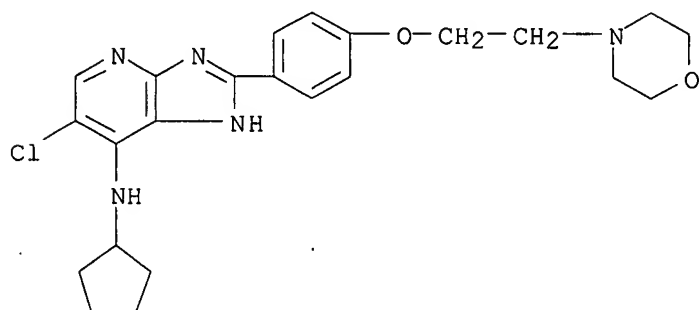
RN 662116-70-3 CAPLUS

CN 3-Pyrrolidinamine, N-[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]-1-(methysulfonyl)- (9CI) (CA INDEX NAME)



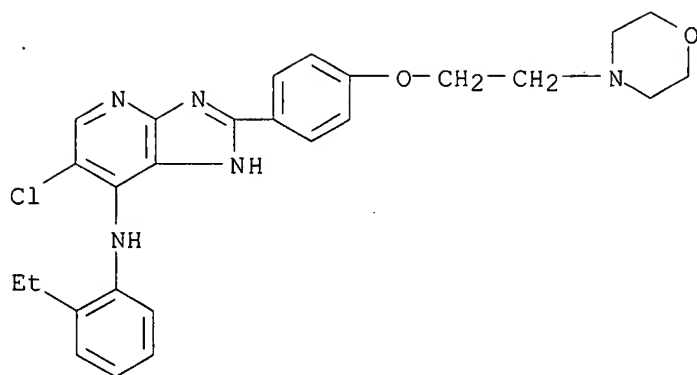
RN 662116-72-5 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-N-cyclopentyl-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



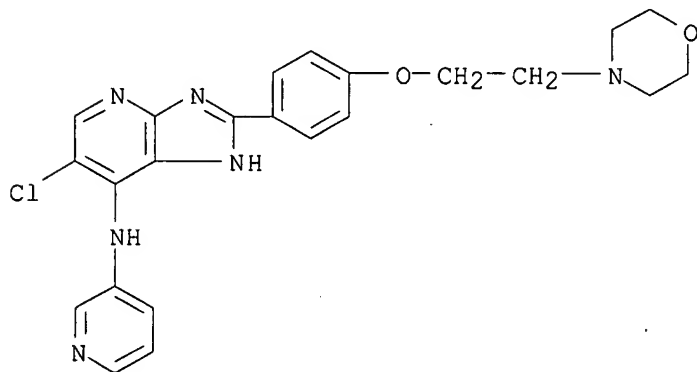
RN 662116-80-5 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-N-(2-ethylphenyl)-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



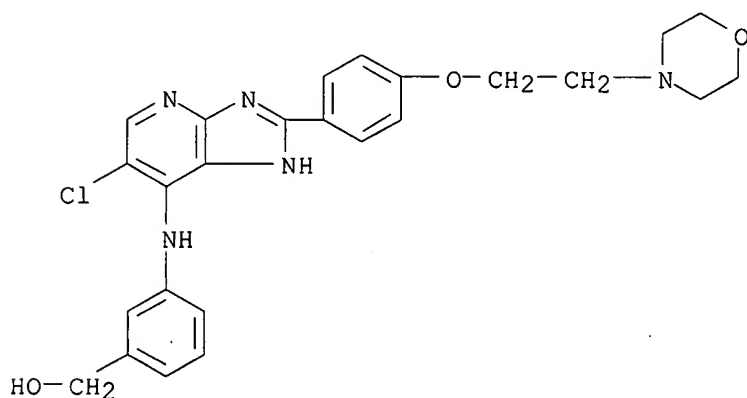
RN 662116-84-9 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-N-3-pyridinyl- (9CI) (CA INDEX NAME)



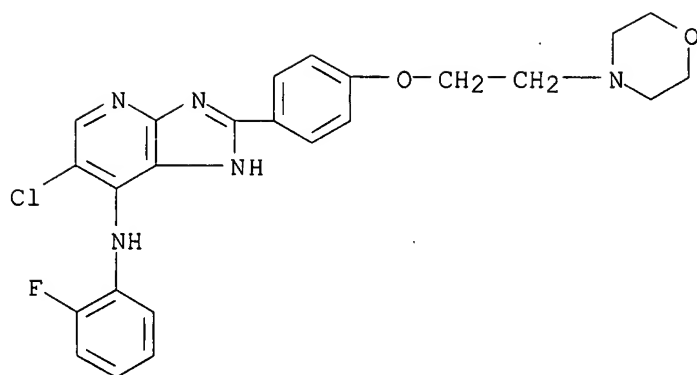
RN 662116-85-0 CAPLUS

CN Benzenemethanol, 3-[[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]- (9CI) (CA INDEX NAME)



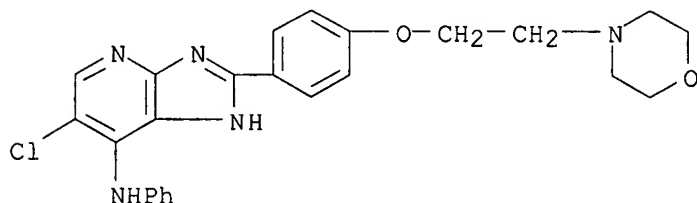
RN 662116-86-1 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-N-(2-fluorophenyl)-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



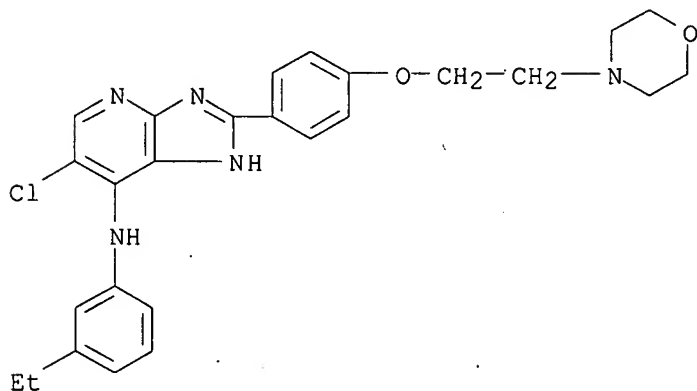
RN 662116-87-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-N-phenyl- (9CI) (CA INDEX NAME)



RN 662116-88-3 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-N-(3-ethylphenyl)-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



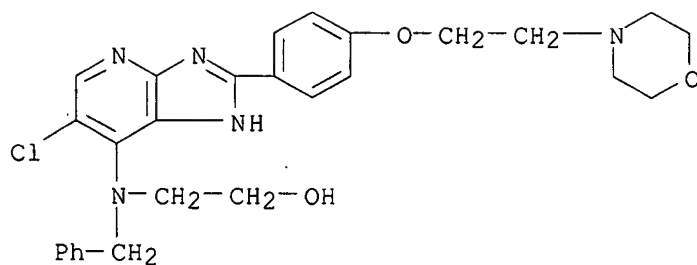
RN 662116-90-7 CAPLUS

CN Ethanol, 2-[[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl](phenylmethyl)amino]-, bis(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 662116-89-4

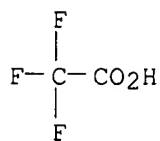
CMF C27 H30 Cl N5 O3



CM 2

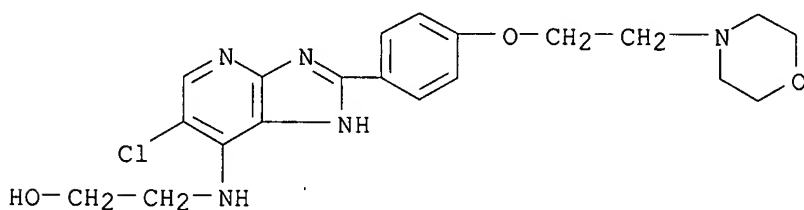
CRN 76-05-1

CMF C2 H F3 O2



RN 662116-91-8 CAPLUS

CN Ethanol, 2-[[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]- (9CI) (CA INDEX NAME)



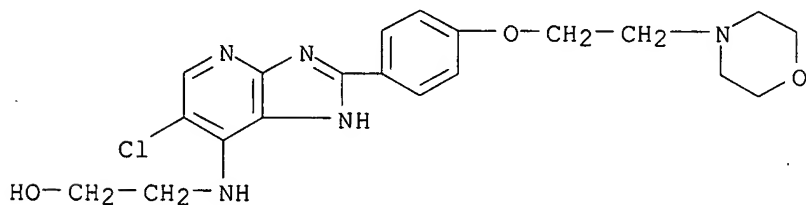
RN 662116-92-9 CAPLUS

CN Ethanol, 2-[[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]-, bis(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 662116-91-8

CMF C20 H24 Cl N5 O3

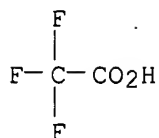


CM 2

CRN 76-05-1

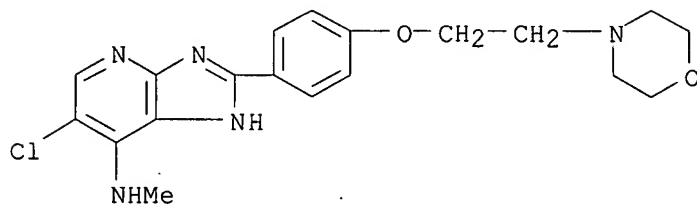
CMF C2 H F3 O2





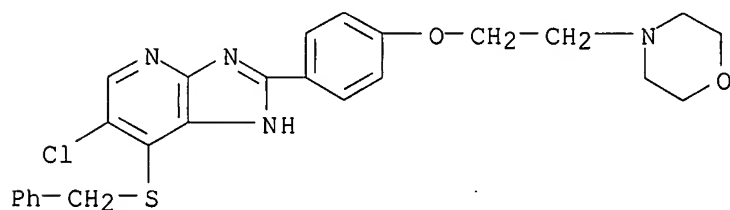
RN 662116-94-1 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-N-methyl-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 662116-95-2 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-7-[(phenylmethyl)thio]- (9CI) (CA INDEX NAME)



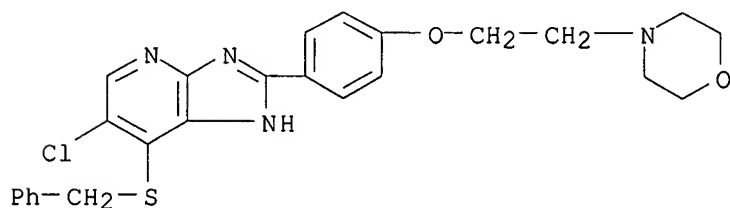
RN 662116-96-3 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-7-[(phenylmethyl)thio]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 662116-95-2

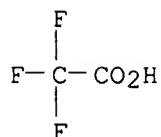
CMF C25 H25 Cl N4 O2 S



CM 2

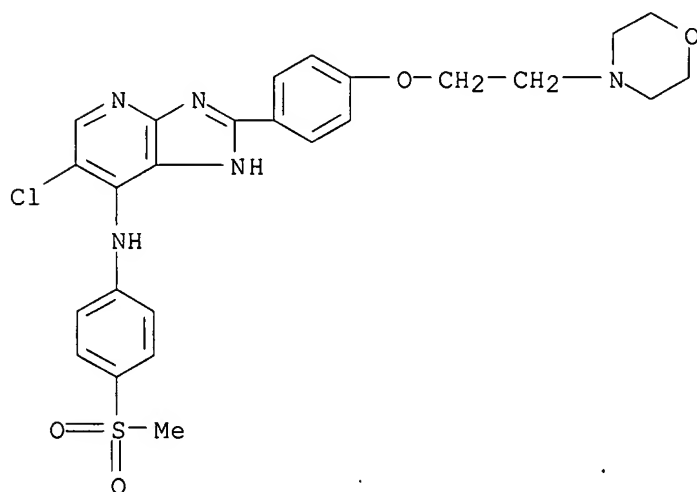
CRN 76-05-1

CMF C2 H F3 O2



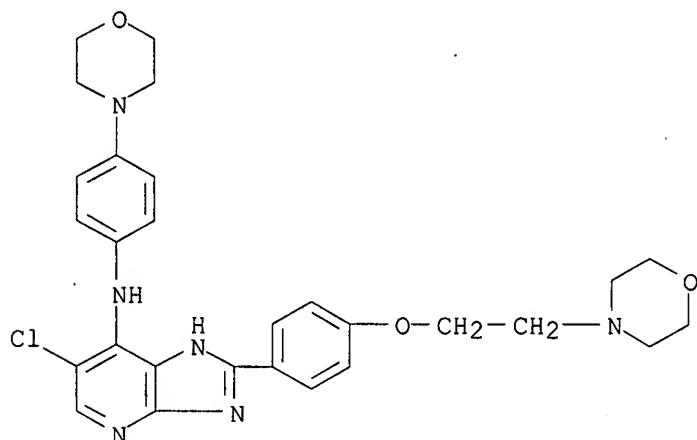
RN 662116-97-4 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-N-[4-(methylsulfonyl)phenyl]-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



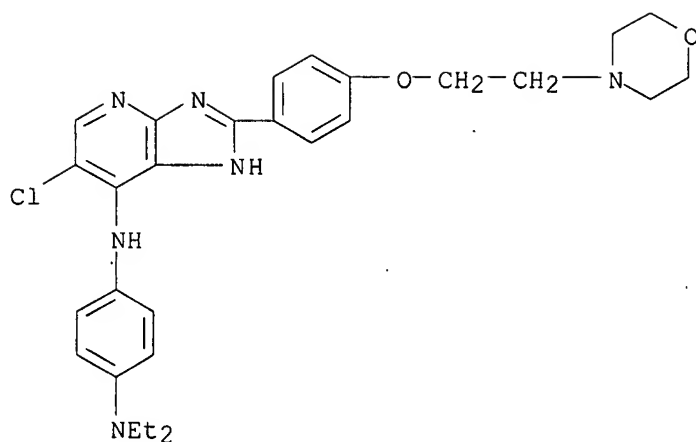
RN 662116-98-5 CAPLUS

CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-N-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



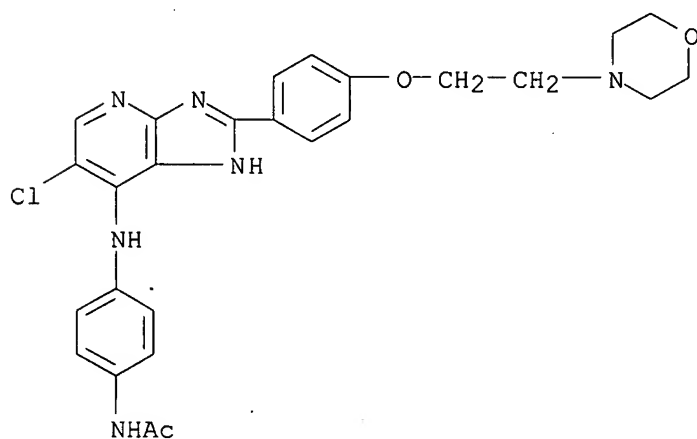
RN 662116-99-6 CAPLUS

CN 1,4-Benzenediamine, N'-[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]-N,N-diethyl- (9CI) (CA INDEX NAME)



RN 662117-00-2 CAPLUS

CN Acetamide, N-[4-[[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]phenyl]- (9CI) (CA INDEX NAME)



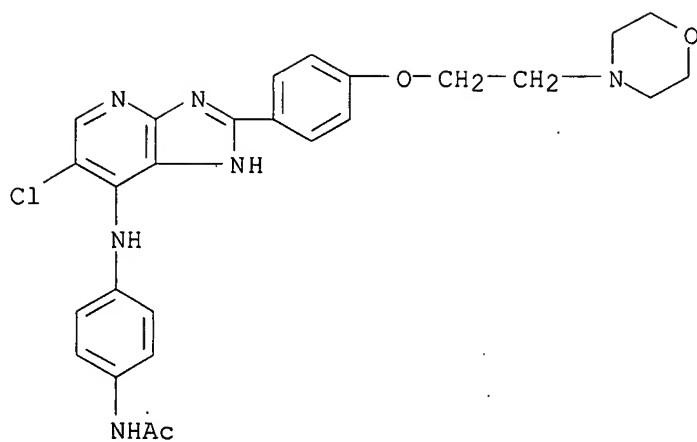
RN 662117-01-3 CAPLUS

CN Acetamide, N-[4-[[6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-1H-imidazo[4,5-b]pyridin-7-yl]amino]phenyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 662117-00-2

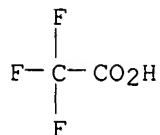
CMF C26 H27 Cl N6 O3



CM 2

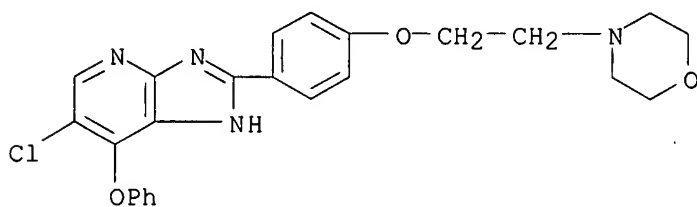
CRN 76-05-1

CMF C2 H F3 O2



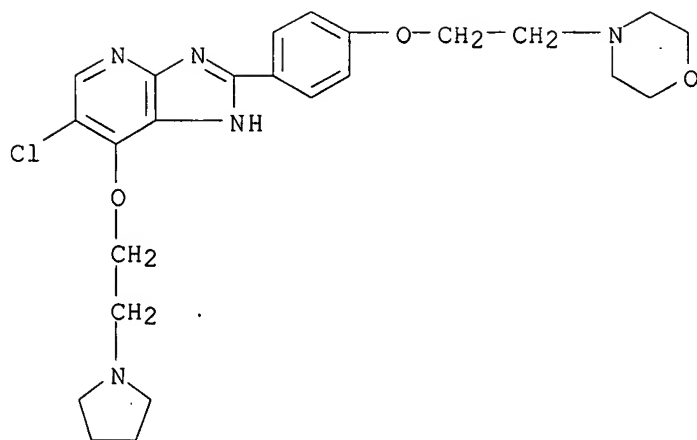
RN 662117-02-4 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-7-phenoxy- (9CI) (CA INDEX NAME)

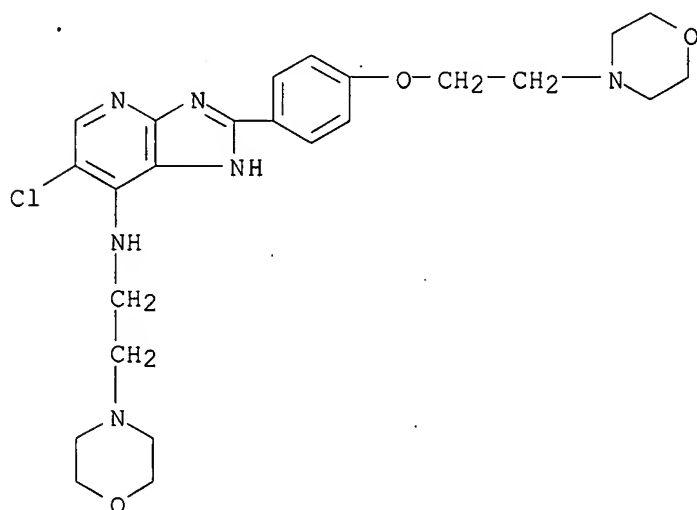


RN 662117-04-6 CAPLUS

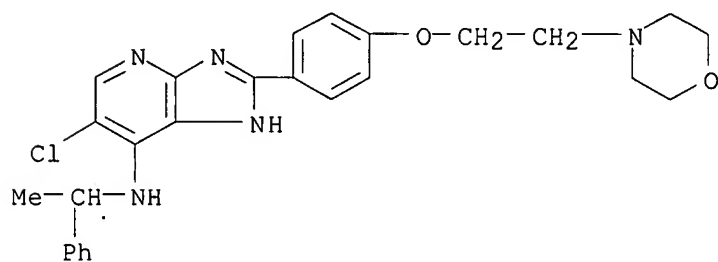
CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-7-[2-(1-pyrrolidinyl)ethoxy]- (9CI) (CA INDEX NAME)



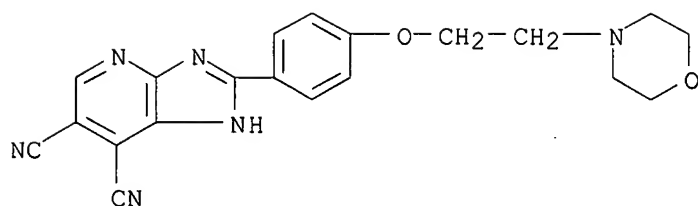
RN 662117-05-7 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-N-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)



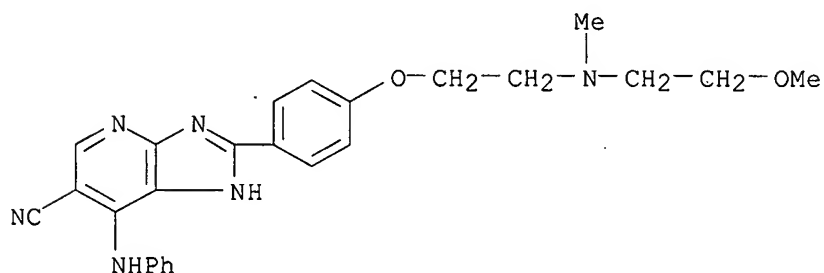
RN 662117-07-9 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]-N-(1-phenylethyl)- (9CI) (CA INDEX NAME)



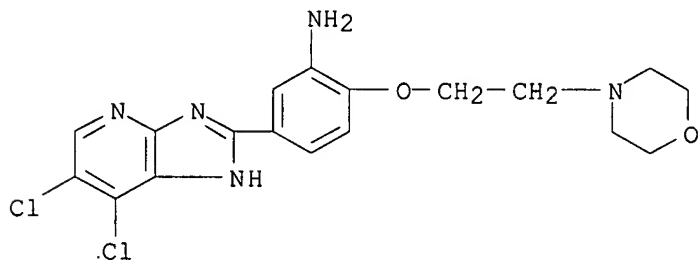
RN 662117-12-6 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6,7-dicarbonitrile, 2-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 662117-14-8 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine-6-carbonitrile, 2-[4-[2-[(2-methoxyethyl)methylamino]ethoxy]phenyl]-7-(phenylamino)- (9CI) (CA INDEX NAME)

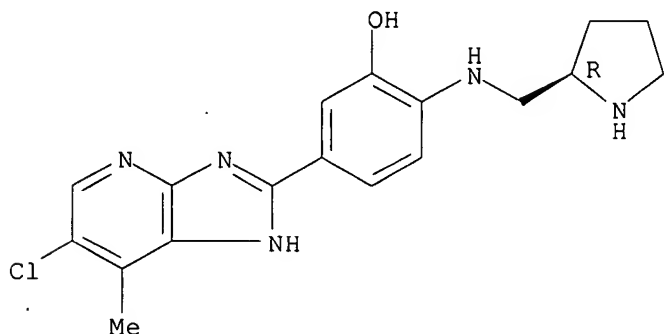


RN 662117-19-3 CAPLUS  
 CN Benzenamine, 5-(6,7-dichloro-1H-imidazo[4,5-b]pyridin-2-yl)-2-[2-(4-morpholinyl)ethoxy]- (9CI) (CA INDEX NAME)



RN 662117-25-1 CAPLUS  
 CN Phenol, 5-(6-chloro-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)-2-[[2-(2R)-pyrrolidinylmethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 662117-26-2 CAPLUS

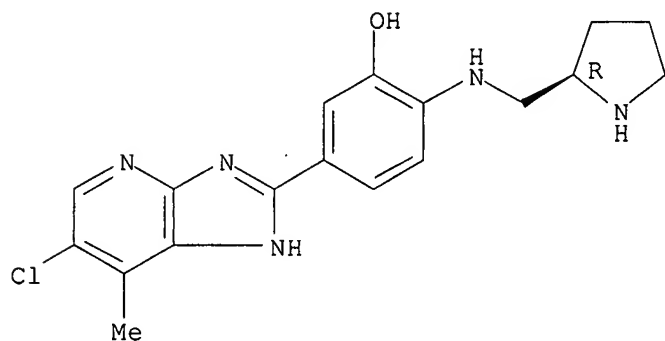
CN Phenol, 5-(6-chloro-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)-2-[[ (2R)-2-pyrrolidinylmethyl]amino]-, bis(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 662117-25-1

CMF C18 H20 Cl N5 O

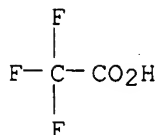
Absolute stereochemistry.



CM 2

CRN 76-05-1

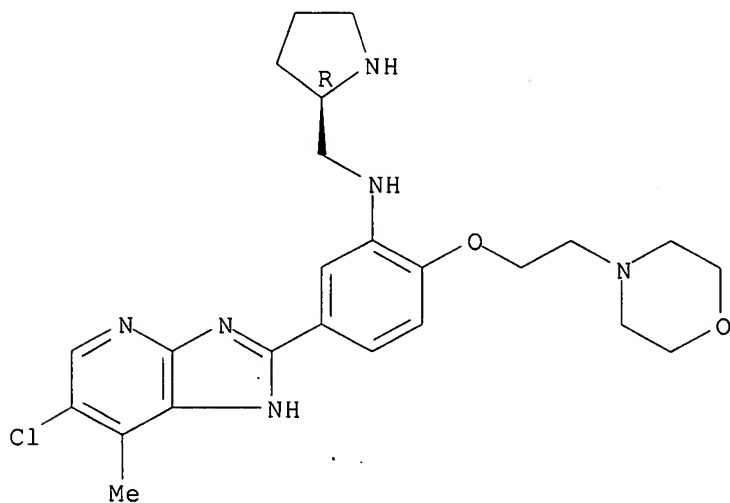
CMF C2 H F3 O2



RN 662117-28-4 CAPLUS

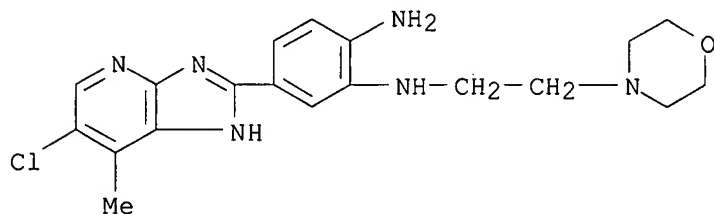
CN 2-Pyrrolidinemethanamine, N-[5-(6-chloro-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)-2-[2-(4-morpholinyl)ethoxy]phenyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



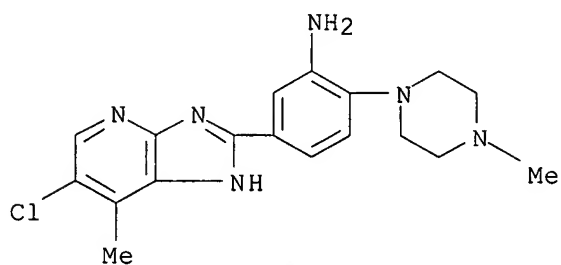
RN 662117-30-8 CAPLUS

CN 1,2-Benzenediamine, 4-(6-chloro-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)-N2-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)



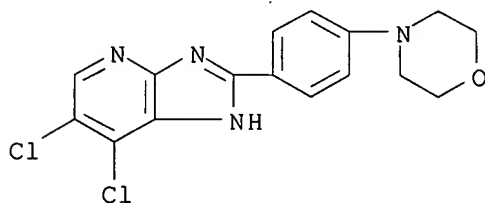
RN 662117-31-9 CAPLUS

CN Benzenamine, 5-(6-chloro-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)-2-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)



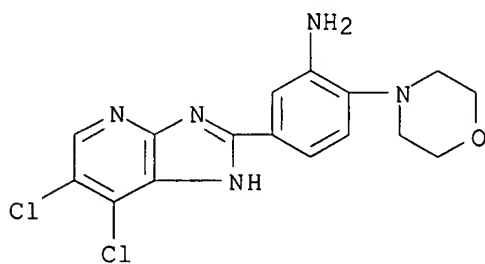
RN 662117-33-1 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine, 6,7-dichloro-2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 662117-34-2 CAPLUS

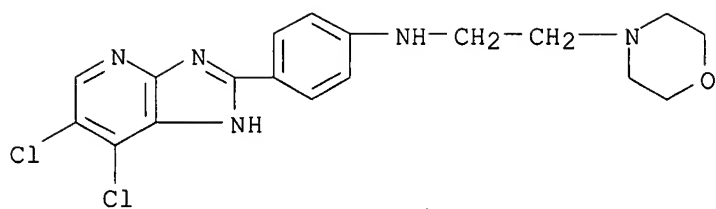
CN Benzenamine, 5-(6,7-dichloro-1H-imidazo[4,5-b]pyridin-2-yl)-2-(4-morpholinyl)- (9CI) (CA INDEX NAME)



RN 662117-38-6 CAPLUS

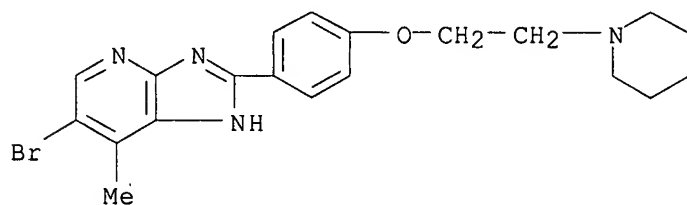
CN 4-Morpholineethanamine, N-[4-(6,7-dichloro-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]- (9CI) (CA INDEX NAME)





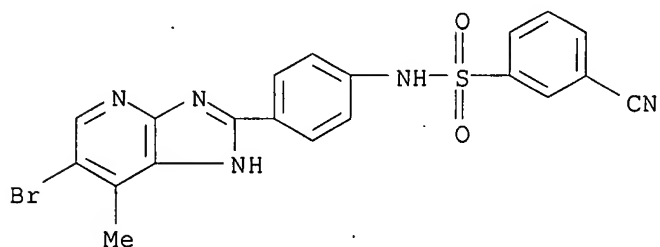
RN 662117-40-0 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine, 6-bromo-7-methyl-2-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 662117-43-3 CAPLUS

CN Benzenesulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-3-cyano- (9CI) (CA INDEX NAME)



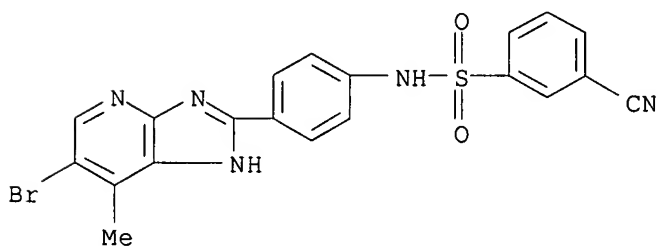
RN 662117-44-4 CAPLUS

CN Benzenesulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-3-cyano-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 662117-43-3

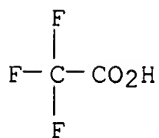
CMF C20 H14 Br N5 O2 S



CM 2

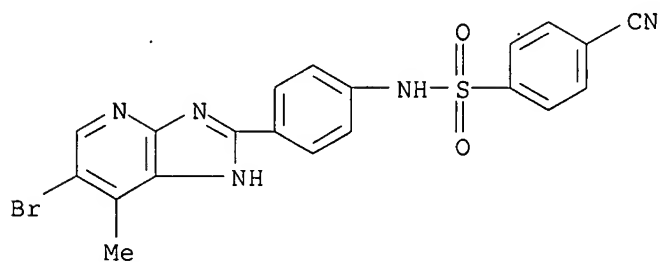
CRN 76-05-1

CMF C2 H F3 O2



RN 662117-45-5 CAPLUS

CN Benzenesulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-cyano- (9CI) (CA INDEX NAME)



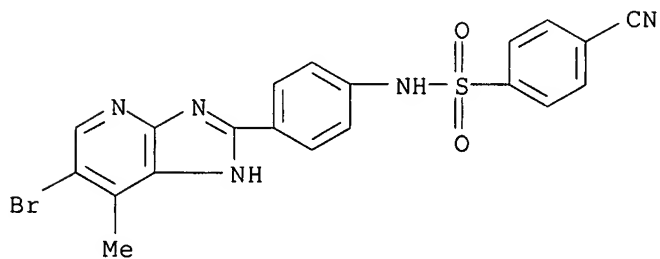
RN 662117-46-6 CAPLUS

CN Benzenesulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-cyano-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 662117-45-5

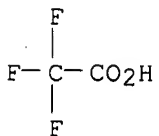
CMF C20 H14 Br N5 O2 S



CM 2

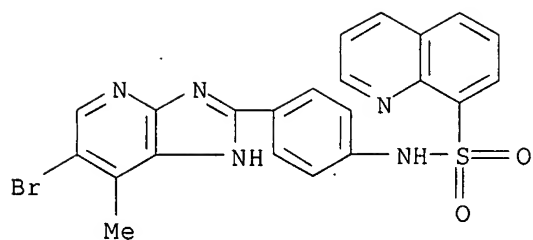
CRN 76-05-1

CMF C2 H F3 O2



RN 662117-47-7 CAPLUS

CN 8-Quinolinesulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]- (9CI) (CA INDEX NAME)



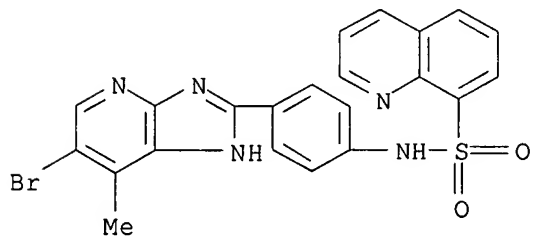
RN 662117-48-8 CAPLUS

CN 8-Quinolinesulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 662117-47-7

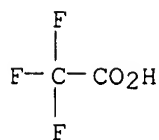
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CM 2

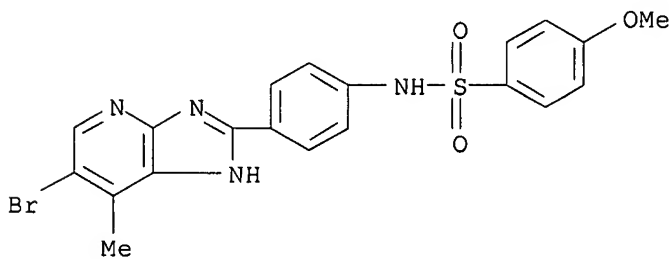
CRN 76-05-1

CMF C2 H F3 O2



RN 662117-49-9 CAPLUS

CN Benzenesulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-methoxy- (9CI) (CA INDEX NAME)



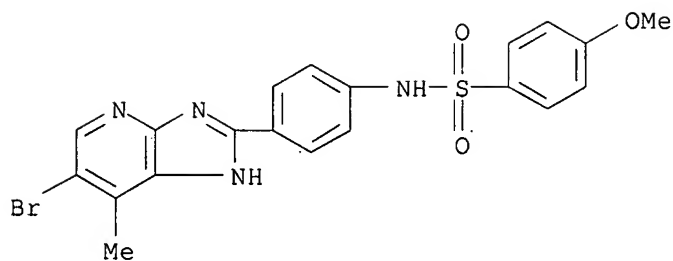
RN 662117-50-2 CAPLUS

CN Benzenesulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-methoxy-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 662117-49-9

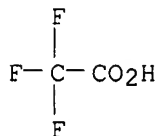
CMF C20 H17 Br N4 O3 S



CM 2

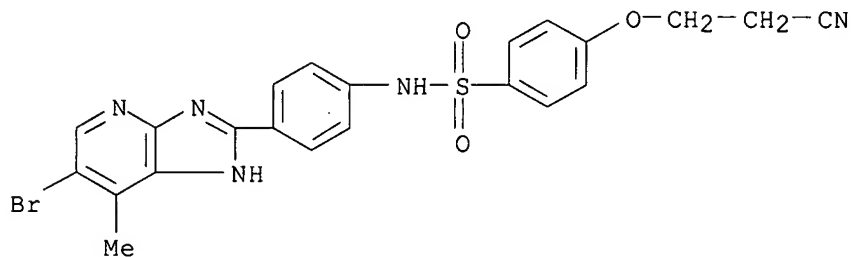
CRN 76-05-1

CMF C2 H F3 O2



RN 662117-51-3 CAPLUS

CN Benzenesulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-(2-cyanoethoxy)- (9CI) (CA INDEX NAME)



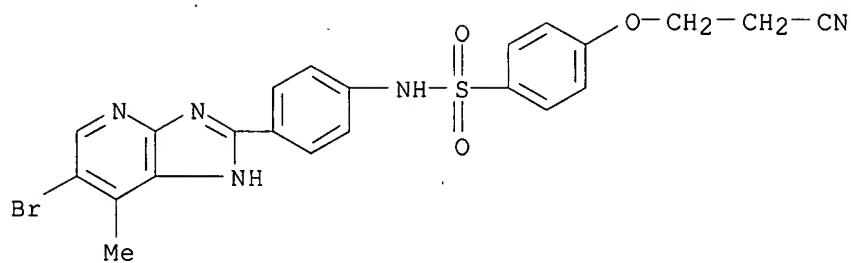
RN 662117-52-4 CAPLUS

CN Benzenesulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-(2-cyanoethoxy)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 662117-51-3

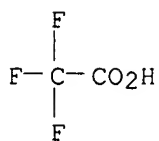
CMF C22 H18 Br N5 O3 S



CM 2

CRN 76-05-1

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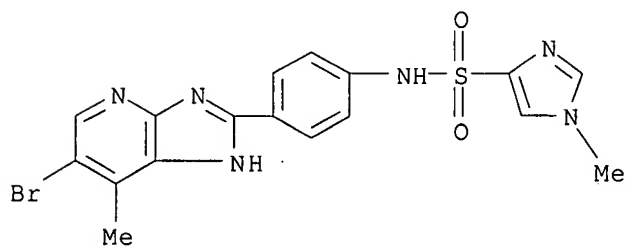
RN 662117-54-6 CAPLUS

CN 1H-Imidazole-4-sulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-1-methyl-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 662117-91-1

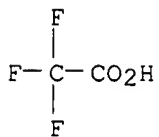
CMF C17 H15 Br N6 O2 S



CM 2

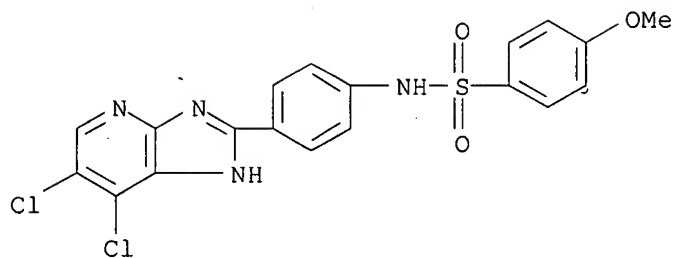
CRN 76-05-1

CMF C2 H F3 O2



RN 662117-55-7 CAPLUS

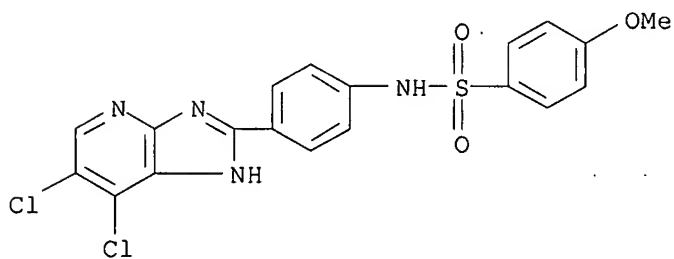
CN Benzenesulfonamide, N-[4-(6,7-dichloro-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-methoxy- (9CI) (CA INDEX NAME)



RN 662117-56-8 CAPLUS  
 CN Benzenesulfonamide, N-[4-(6,7-dichloro-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-methoxy-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

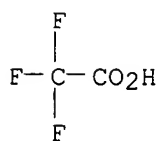
CM 1

CRN 662117-55-7  
 CMF C19 H14 Cl2 N4 O3 S

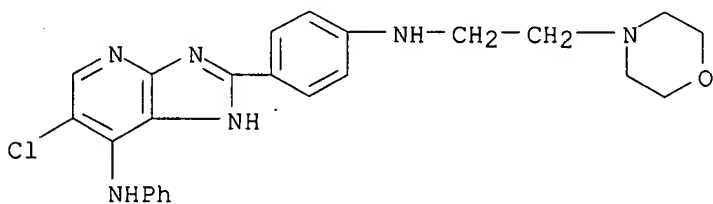


CM 2

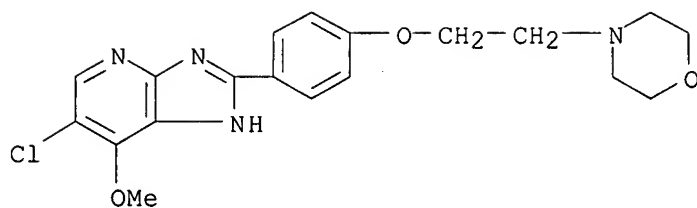
CRN 76-05-1  
 CMF C2 H F3 O2



RN 662117-58-0 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-2-[4-[[2-(4-morpholinyl)ethyl]amino]phenyl]-N-phenyl- (9CI) (CA INDEX NAME)

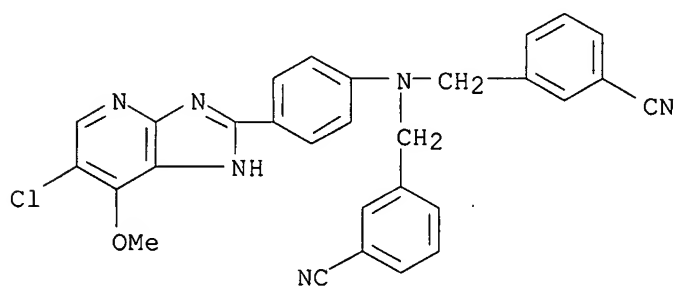


RN 662117-59-1 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-7-methoxy-2-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



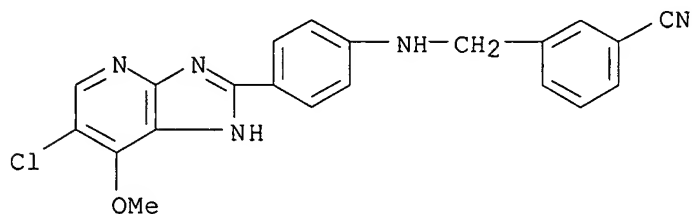
RN 662117-64-8 CAPLUS

CN Benzonitrile, 3,3'-[[[4-(6-chloro-7-methoxy-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]imino]bis(methylene)]bis- (9CI) (CA INDEX NAME)



RN 662117-67-1 CAPLUS

CN Benzonitrile, 3-[[[4-(6-chloro-7-methoxy-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]amino]methyl]- (9CI) (CA INDEX NAME)



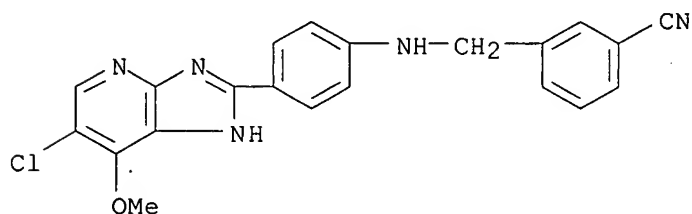
RN 662117-68-2 CAPLUS

CN Benzonitrile, 3-[[[4-(6-chloro-7-methoxy-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]amino]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

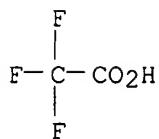
CRN 662117-67-1

CMF C21 H16 Cl N5 O

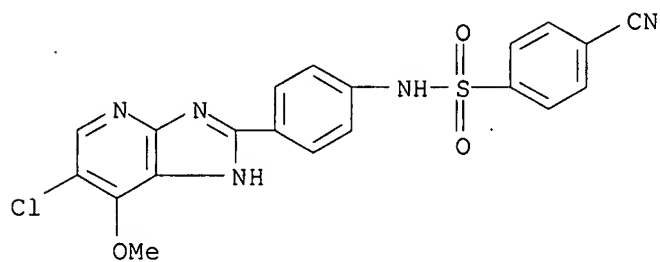


CM 2

CRN 76-05-1  
CMF C2 H F3 O2



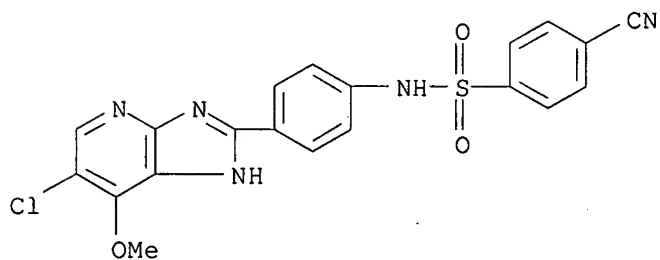
RN 662117-69-3 CAPLUS  
CN Benzenesulfonamide, N-[4-(6-chloro-7-methoxy-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-cyano- (9CI) (CA INDEX NAME)



RN 662117-70-6 CAPLUS  
CN Benzenesulfonamide, N-[4-(6-chloro-7-methoxy-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-4-cyano-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

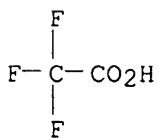
CM 1

CRN 662117-69-3  
CMF C20 H14 Cl N5 O3 S



CM 2

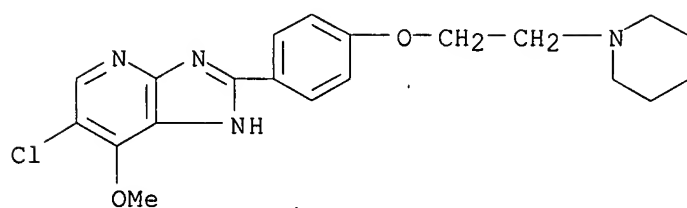
CRN 76-05-1  
CMF C2 H F3 O2



RN 662117-71-7 CAPLUS  
CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-7-methoxy-2-[4-[2-(1-



piperidinyloxy]phenyl]- (9CI) (CA INDEX NAME)



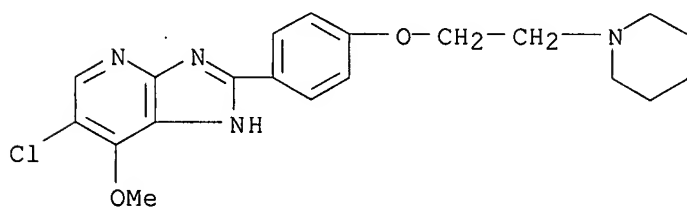
RN 662117-72-8 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-7-methoxy-2-[4-[2-(1-piperidinyloxy)phenyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 662117-71-7

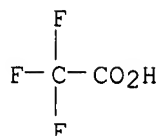
CMF C20 H23 Cl N4 O2



CM 2

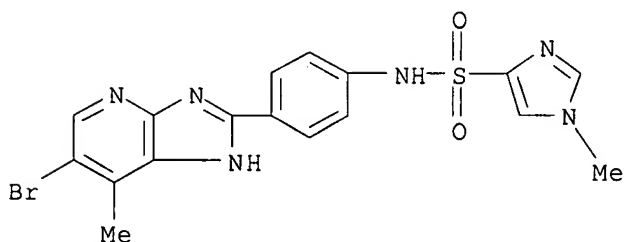
CRN 76-05-1

CMF C2 H F3 O2



RN 662117-91-1 CAPLUS

CN 1H-Imidazole-4-sulfonamide, N-[4-(6-bromo-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-1-methyl- (9CI) (CA INDEX NAME)



IT 662117-32-0, 6-Chloro-2-(4-fluoro-3-nitrophenyl)-7-methyl-3H-imidazo[4,5-b]pyridine

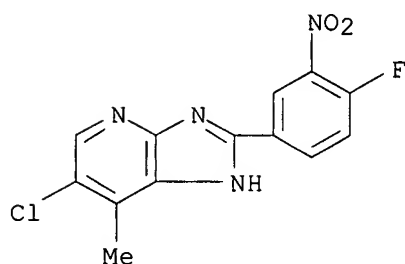
RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of imidazopyridines as Itk kinase inhibitors for use against

asthma and allergic rhinitis)

RN 662117-32-0 CAPLUS

CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-2-(4-fluoro-3-nitrophenyl)-7-methyl-  
(9CI) (CA INDEX NAME)

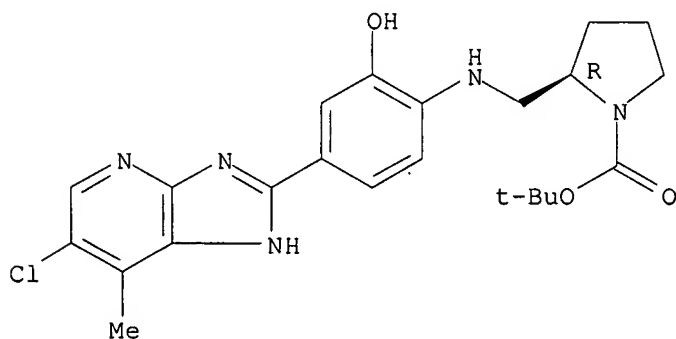


IT 662117-27-3P, tert-Butyl (2R)-2-[[[4-(6-chloro-7-methyl-3H-imidazo[4,5-b]pyridin-2-yl)-2-hydroxyphenyl]amino]methyl]pyrrolidine-1-carboxylate 662117-29-5P, 6-Chloro-7-methyl-2-[4-[2-(morpholin-4-yl)ethoxy]-3-nitrophenyl]-3H-imidazo[4,5-b]pyridine 662117-36-4P, 6-Chloro-2-(4-nitrophenyl)-N-phenyl-3H-imidazo[4,5-b]pyridin-7-amine 662117-37-5P, 6,7-Dichloro-2-(4-nitrophenyl)-3H-imidazo[4,5-b]pyridine 662117-57-9P, 4-(6,7-Dichloro-1H-imidazo[4,5-b]pyridin-2-yl)aniline 662117-60-4P, 6-Chloro-2-[4-(2-chloroethoxy)phenyl]-7-methoxy-3H-imidazo[4,5-b]pyridine 662117-61-5P, 2-[4-(6-Chloro-7-methoxy-3H-imidazo[4,5-b]pyridin-2-yl)phenoxy]ethanol 662117-65-9P, 4-(6-Chloro-7-methoxy-3H-imidazo[4,5-b]pyridin-2-yl)aniline 662117-66-0P, 6-Chloro-7-methoxy-2-(4-nitrophenyl)-3H-imidazo[4,5-b]pyridine  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of imidazopyridines as Itk kinase inhibitors for use against asthma and allergic rhinitis)

RN 662117-27-3 CAPLUS

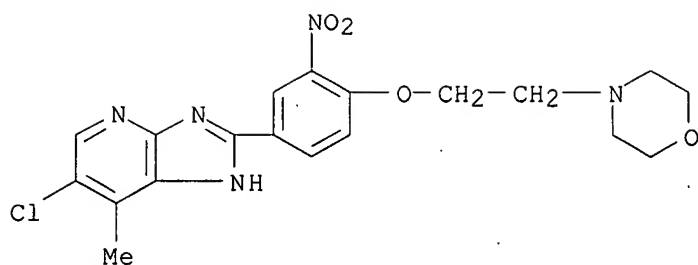
CN 1-Pyrrolidinecarboxylic acid, 2-[[[4-(6-chloro-7-methyl-1H-imidazo[4,5-b]pyridin-2-yl)-2-hydroxyphenyl]amino]methyl]-, 1,1-dimethylethyl ester, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

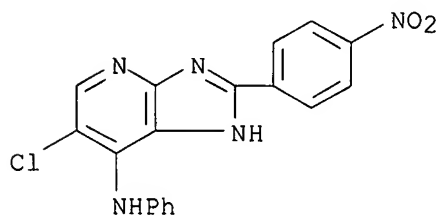


RN 662117-29-5 CAPLUS

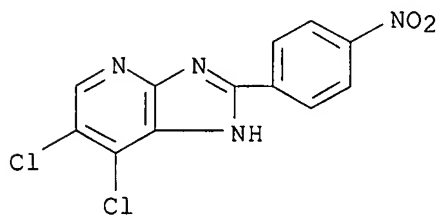
CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-7-methyl-2-[4-[2-(4-morpholinyl)ethoxy]-3-nitrophenyl]- (9CI) (CA INDEX NAME)



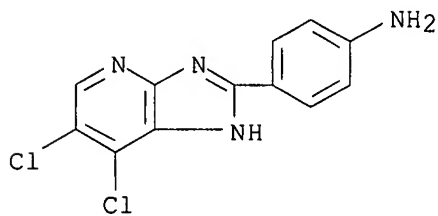
RN 662117-36-4 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridin-7-amine, 6-chloro-2-(4-nitrophenyl)-N-phenyl-  
 (9CI) (CA INDEX NAME)



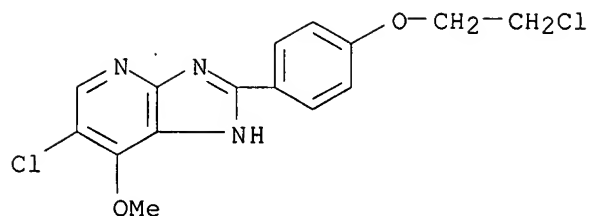
RN 662117-37-5 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine, 6,7-dichloro-2-(4-nitrophenyl)- (9CI) (CA  
 INDEX NAME)



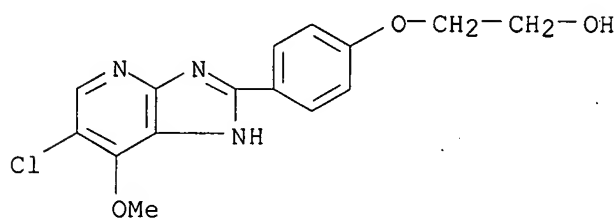
RN 662117-57-9 CAPLUS  
 CN Benzenamine, 4-(6,7-dichloro-1H-imidazo[4,5-b]pyridin-2-yl)- (9CI) (CA  
 INDEX NAME)



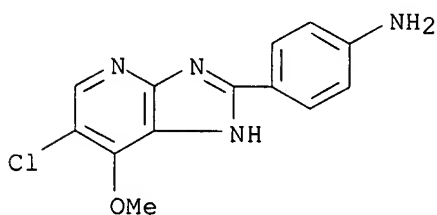
RN 662117-60-4 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-2-[4-(2-chloroethoxy)phenyl]-7-methoxy-  
 (9CI) (CA INDEX NAME)



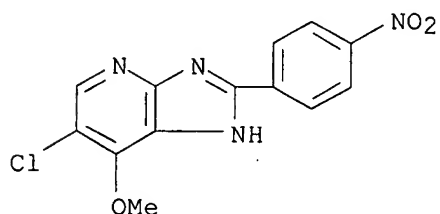
RN 662117-61-5 CAPLUS  
 CN Ethanol, 2-[4-(6-chloro-7-methoxy-1H-imidazo[4,5-b]pyridin-2-yl)phenoxy]-  
 (9CI) (CA INDEX NAME)



RN 662117-65-9 CAPLUS  
 CN Benzenamine, 4-(6-chloro-7-methoxy-1H-imidazo[4,5-b]pyridin-2-yl)- (9CI)  
 (CA INDEX NAME)



RN 662117-66-0 CAPLUS  
 CN 1H-Imidazo[4,5-b]pyridine, 6-chloro-7-methoxy-2-(4-nitrophenyl)- (9CI)  
 (CA INDEX NAME)



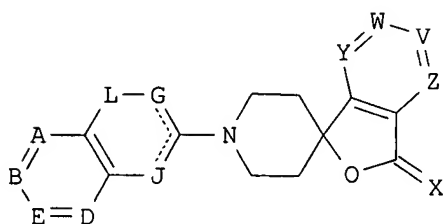
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2002:466012 CAPLUS  
 DOCUMENT NUMBER: 137:47228  
 TITLE: Preparation of spiro[isobenzofuran-1,4'-piperidin]-3-  
 ones and 3H-spiroisobenzofuran-1,4'-piperidines as  
 NPY5 receptor activity modulators

INVENTOR(S): Bakthavatchalam, Rajagopal; Blum, Charles A.;  
 Brielmann, Harry L.; Darrow, James William; De  
 Lombaert, Stéphane; Hutchison, Alan; Tran, Jennifer;  
 Zheng, Xiaozhang; Elliott, Richard Louis; Hammond,  
 Marlys  
 PATENT ASSIGNEE(S): Neurogen Corporation, USA; Pfizer Inc.  
 SOURCE: PCT Int. Appl., 134 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002048152	A2	20020620	WO 2001-US47863	20011211
WO 2002048152	A3	20030508		
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AU 200220276	A	20020624	AU 2002-20276	20011211
US 2003036652	A1	20030220	US 2001-13846	20011211
US 6566367	B2	20030520		
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AT 310004	T	20051215	AT 2001-270536	20011211
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			US 2001-13846	A3 20011211
			WO 2001-US47863	W 20011211
			US 2003-410648	A3 20030409

OTHER SOURCE(S): MARPAT 137:47228  
 GI



AB Title compds. [I; X = O, H<sub>2</sub>; A, D, V, W, Y, Z independently = N, CR<sub>1</sub>; R<sub>1</sub> = H, halo, OH, NH<sub>2</sub>, NO<sub>2</sub>, CN, CONH<sub>2</sub>, COOH; B = N, CR<sub>2</sub>; E = CR<sub>3</sub>; R<sub>2</sub>, R<sub>3</sub> independently = H, halo, OH, NH<sub>2</sub>, NO<sub>2</sub>, CN, CONH<sub>2</sub>, COOH; G = N, NH; J = NH, N; L = bond, CO; dotted bond = single, double] capable of modulating NPY<sub>5</sub> receptor activity are prepared Such compds. may be used to modulate ligand binding to NPY<sub>5</sub> receptors in vivo or in vitro, and are particularly useful in the treatment of a variety of disorders (e.g., eating disorders such as obesity or bulimia, psychiatric disorders, diabetes and cardiovascular disorders such as hypertension) in humans, domesticated companion animals and livestock animals. Pharmaceutical compns. and method for treating such disorders are provided, as are methods for using such compds. for detecting NPY<sub>5</sub> receptors.

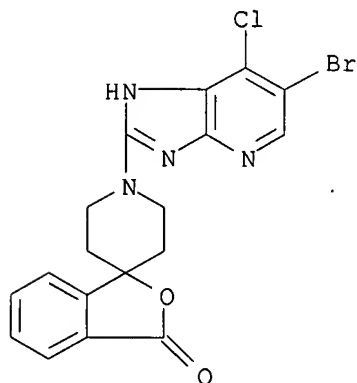
IT 438191-11-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of spiro[isobenzofuran-1,4'-piperidin]-3-ones and 3H-spiroisobenzofuran-1,4'-piperidines as NPY<sub>5</sub> receptor activity modulators)

RN 438191-11-8 CAPLUS

CN Spiro[isobenzofuran-1(3H),4'-piperidin]-3-one, 1'-(6-bromo-7-chloro-1H-imidazo[4,5-b]pyridin-2-yl)- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

24.37

196.68

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

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-3.12

STN INTERNATIONAL LOGOFF AT 20:40:42 ON 08 NOV 2007